Mibbo

Mean it, for better



Switching Power Supply

Solution of the Reliable, Convenient and Robust power supply
Superb Technology of Industrial Power Supply

CCC UL CE TÜV RoHS

2023.03

Superb & Reliable Product Family

Total Solution for Control Components
Providing Customizing Solution



>>> About Mibbo

Mibbo specializes in R&D, production, sale and technical solutions of high quality industrial control products. Positioning in the high-end equipment manufacturers and system integrators, Provide high quality products and customizing solutions for customers and realize the common growth of enterprise value and customer's value base on "Manufacturing Products for QA Customers".

There are 2 R&D centers, 5 companies under Mibbo Brand. Mibbo business has already covered more than 30 countries and regions.

Switch power supply is one of the major products in Mibbo. To provide our customers more efficient, reliable and qualified solutions in many industrial fields, such as automatic control, intelligent control system, setting and equipment of Electronic instrument, LED control, logistics and household appliances etc.

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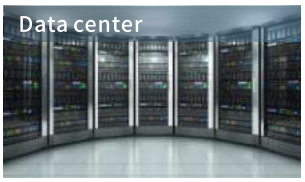
Applications

Mibbo industrial power supply has been widely used in variety of industries, such as New energy, Electrical instruments, Data center, Robots, CNC system, Intelligent automatic production, Graziery, etc.





























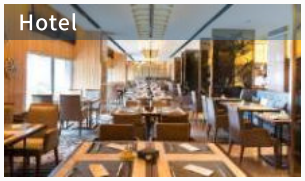












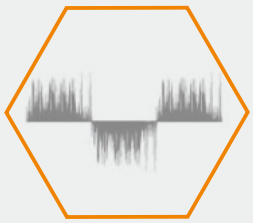
Have you ever thought about the importance of the power supply if the control system is unstable?
Are you still looking for a suitable solution of power supply?
Here is your answer.

Mibbo Power Supply Features

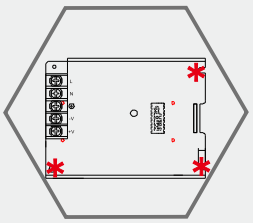
Scene



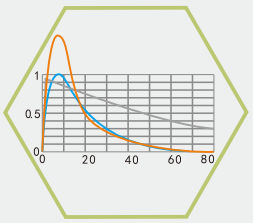
Ultra slim design
Space saving



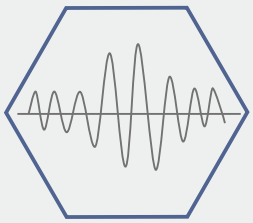
Enhanced anti-interference design



Easily installation with M4 mounting hole

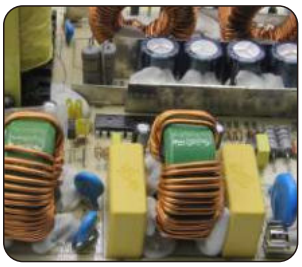


Withstanding abnormal input up to 300VAC in responding to the harsh power environment

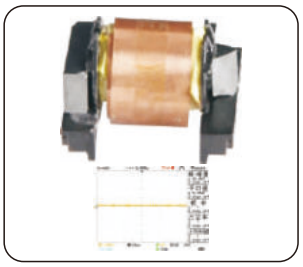


IEC61000-4-5 compliant, enough capacity to absorb the surge

Superb Technology



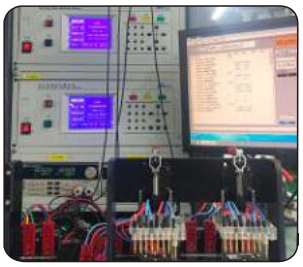
Withstanding 5G vibration in responding to the harsh vibration environment.



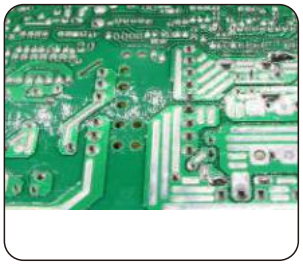
High performance in application in PLC and servo control system due to the excellent ripple and the EMC features.



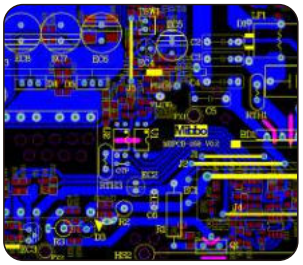
All products 100% full load burn-in test, guarantee product quality and reliability



Comprehensive safety testing ensures the high quality of products.



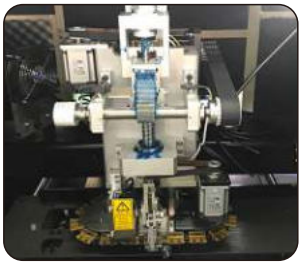
Three-proof treatment to ensure reliable operation even in high dust and condensation environment.



Leading design technology, combination of the integrated patch and plug-in effectively, exquisite manufacturing process, providing high quality products to customers.



Improving the safety to prevent the accidently electric shock while wiring.



The automatic insertion machine ensures the consistency and stability of products.

MGR Series Din-rail Power Supply

MGR	060	-	24	F	R
Series MGR	Output power		Output voltage	Input voltage/power F:100-240VAC C:With PFC	power Non:not R:DC/OK


10/20W


40/60W


100W

Features

- 10-100W, Output 5-48V full categories
- Slim size, assemble on DIN rail TS-35 / 7.5 or 15
- Plastic case
- Universal AC input / Full range
- No load power consumption <1W
- Built-in models DC active PFC function
- -R models DC OK signal output
- EMC EN55022 class A
- 3 years warranty
- CE / ROHS

Model No Remark②	MGR010	MGR020	MGR040	MGR060	MGR100
Input Voltage	85-264VAC;120-370VDC				
Input current	0.33A/115VAC 0.21A/230VAC	0.55A/115VAC 0.35A/230VAC	1.1A/115VAC 0.7A/230VAC	1.8A/115VAC 1A/230VAC	1.3A/115VAC 0.8A/230VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail				
Surge current	35A/115VAC 70A/230VAC	20A/115VAC 40A/230VAC	30A/115VAC 60A/230VAC		
Overload Protection	Protection: Constant current output, recover automatically after the fault condition is removed				Hiccup, recover automatically after the fault condition is removed
Over Voltage Protection	Protection: Shut down, restart to recover				
Safety Standards	60950-1、GB4943.1				
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1				
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
Operation temperature	-20~+70℃ (Please refer to derating curve)				-10~+60℃ (Please refer to derating curve)
Dimension Remark① (W*H*D)(mm)	D001/90*22.5*100		D002/90*40*100		D003/90*55*100
Weight (Kg)	~0.18	~0.2	~0.32	~0.35	~0.45

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: FR: with DC/OK

10W

Model No.	Output	Tol.	R&N	Effi.
MGR010-05F	2A 5V	±5%	80mV	76%
MGR010-12F	0.8A 12V	±3%	120mV	80%
MGR010-15F	0.67A 15V	±3%	120mV	80%
MGR010-24F	0.42A 24V	±2%	150mV	83%

40W

Model No.	Output	Tol.	R&N	Effi.
MGR040-05F	6A 5V	±2%	80mV	78%
MGR040-12F	3.33A 12V	±1%	120mV	86%
MGR040-24F	1.7A 24V	±1%	150mV	88%

100W

Model No.	Output	Tol.	R&N	Effi.
MGR100-12C	7.5A 12V	±1%	120mV	82%
MGR100-24C	4A 24V	±1%	150mV	85%
MGR100-48C	2A 48V	±1%	200mV	86%
MGR100-12CR	7.5A 12V	±1%	120mV	82%
MGR100-24CR	4A 24V	±1%	150mV	85%
MGR100-48CR	2A 48V	±1%	200mV	86%

20W

Model No.	Output	Tol.	R&N	Effi.
MGR020-05F	3A 5V	±2%	80mV	76%
MGR020-12F	1.67A 12V	±1%	120mV	80%
MGR020-15F	1.34A 15V	±1%	120mV	80%
MGR020-24F	1A 24V	±1%	150mV	83%
MGR020-05FR	3A 5V	±2%	80mV	76%
MGR020-12FR	1.67A 12V	±1%	120mV	80%
MGR020-15FR	1.34A 15V	±1%	120mV	80%
MGR020-24FR	1A 24V	±1%	150mV	83%

60W

Model No.	Output	Tol.	R&N	Effi.
MGR060-05F	10A 5V	±2%	80mV	78%
MGR060-12F	5A 12V	±1%	120mV	86%
MGR060-24F	2.5A 24V	±1%	150mV	88%
MGR060-48F	1.25A 48V	±1%	200mV	88%
MGR060-05FR	10A 5V	±2%	80mV	78%
MGR060-12FR	5A 12V	±1%	120mV	86%
MGR060-24FR	2.5A 24V	±1%	150mV	88%
MGR060-48FR	1.25A 48V	±1%	200mV	88%

EDR Series AC/DC Din-rail Power Supply

EDR	050	-	24
Series EDR	Output power		Output voltage


35W/50W

Features

- 35W, 50W
- Economical models
- Compact size, assemble on DIN rail TS-35
- Plastic case
- No load low power consumption
- 3 years warranty

Model No	EDR035	EDR050
Input Voltage	200-240VAC 280-370VDC	
Input current	1A/230VAC	
Output Voltage Adjustment Range	±10%	
Surge current	45A/230VAC	
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed	
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed	
Safety Standards	-25~+70℃ (Please refer to derating curve)	
EMC Standards	60950-1、GB4943.1	
Dielectric strength	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1	
Operation temperature	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
Dimension Remark① (W*H*D)(mm)	96*45*75	
Weight (Kg)	~0.23	

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: FR: Please ask sales for data sheet for detail specification.

35W

Model No.	Output	Tol.	R&N	Effi.
EDR035-24	1.45A 24V	±1%	150mV	85%

50W

Model No.	Output	Tol.	R&N	Effi.
EDR050-24	2.1A 24V	±1%	150mV	85%

MLR	060	-	24	F
Series	Output power		Output voltage	Input voltage/power

F:100-240VAC


15W


30W


60W

Features

- 75W-480W, Output 5-48V, full categories
- Slim size, assemble on DIN rail TS-35 / 7.5 or 15
- Cooling by free air convection
- Universal AC input/Full range
- Built-in active PFC function(240W\480W)
- EMC EN55022 class A
- 3 years warranty
- CE/ROHS

Model No	MLR015	MLR030	MLR060	MLR100	MLR150
Input Voltage	85～264VAC 120～370VDC				200～240VAC 280～370VDC
Input current	0.5A/115VAC 0.25A/230VAC	0.88A/115VAC 0.48A/240VAC	1.2A/115VAC 0.8A/230VAC	3A/100VAC 1.6A/240VAC	3A/115VAC 1.6A/230VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail				
Surge current	25A/115VAC 45A/230VAC		30A/115V 60A/230VAC	35A/115VAC 70A/230VAC	
Overload Protection	105%~160% of the rated output power				
Over Voltage Protection	Protection: Constant current output, recover automatically after the fault condition is removed				
Safety Standards	UL62368-1, UL508, EAC TP TC 004, BSMI CNS14336-1				
EMC Standards	EN55032(CISPR32)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1				
Dielectric strength	I/P-O/P:4KVdc				
Operation temperature	-30~+70℃(Please refer to derating curve)				
Dimension (W*H*D)(mm) Remark①	17.5*90*54.5mm	35*90*54.5mm	52.5*90*54.5mm	70*90*54.5mm	105*90*54.5mm
Weight (Kg)	0.078kg	0.12kg	0.19kg	0.27kg	0.31kg

15W

Model No.	Output	Tol.	R&N	Effi.
MLR015-05F	2.4A 5V	±2%	80mV	80%
MLR015-12F	1.25A 12V	±1%	120mV	85%
MLR015-15F	1A 15V	±1%	120mV	85%
MLR015-24F	0.63A 24V	±1%	150mV	86%
MLR015-48F	0.32A 48V	±1%	240mV	87%

30W

Model No.	Output	Tol.	R&N	Effi.
MLR030-05F	3A 5V	±2%	80mV	82%
MLR030-12F	2A 12V	±1%	120mV	88%
MLR030-15F	2A 15V	±1%	120mV	89%
MLR030-24F	1.5A 24V	±1%	150mV	89%
MLR030-48F	0.7A 48V	±1%	240mV	90%

60W

Model No.	Output	Tol.	R&N	Effi.
MLR060-05F	6.5A 5V	±1%	80mV	85%
MLR060-12F	4.5A 12V	±1%	120mV	88%
MLR060-15F	4A 15V	±1%	120mV	89%
MLR060-24F	2.5A 24V	±1%	150mV	90%
MLR060-48F	1.25A 48V	±1%	200mV	91%

100W

Model No.	Output	Tol.	R&N	Effi.
MLR100-12F	7.5A 12V	±2%	120mV	88%
MLR100-15F	6.5A 15V	±1%	120mV	89%
MLR100-24F	4.2A 24V	±1%	150mV	90%
MLR100-48F	2.1A 48V	±1%	240mV	90%

150W

Model No.	Output	Tol.	R&N	Effi.
MLR150-12	11.3A 12V	±1%	100mV	89%
MLR150-15	9.5A 15V	±1%	120mV	89%
MLR150-24	5.31A 24V	±1%	150mV	90%
MLR150-48	2.72A 48V	±1%	200mV	90%

M3DN Series Redundant Module

M3DN	20	-	24
Series M3DN	Output power		Output voltage


20W

Features

- Supports 1+1 and 1+N redundant system
- 2channels input and 1 output
- -40~+80℃ ultra-wide operating temperature(>+60℃ derating)
- Suitable for 12V/24V redundant system
- Built-in 2 channels DC OK signal and alarm relay contact
- Cooling by free air convection
- DIN-rail installation: TS 35/7.5 or TS 35/15
- 3 years warranty

Model No	M3DN20			M3DN40		
No. of input	2 channels					
Input Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Input current	0-20A per input continuous			0-40A per input continuous		
Output Voltage Adjustment Range	9-14VDC	19-29VDC	36-60VDC	9-14VDC	19-29VDC	36-60VDC
Output rated current	0-20A continuous			0-40A continuous		
Peak current	30A, 5Sec			60A, 5Sec		
Overload Protection	<30A, 5Sec. No damage			60A, 5Sec. No damage		
Safety	60950-1□GB4943.1					
EMC	Refer to data sheet for detail					
Dielectric strength	IP/OP-Chassis:0.5KVac; IP/OP-Relay:0.5KVac; Relay- Chassis:0.5KVac					
Operation temperature	-40~+80 ℃(Please refer to derating curve)					
Dimension (W*H*D)(mm) Remark①	D010-DN/125.2*32*102			D011-DN/125.2*55*100		
Weight (Kg)	~0.35			~0.5		

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: FR: Please ask sales for data sheet for detail specification.

20W

Model No.	Output	Tol.	R&N	Effi.
M3DN20-12	20A	/	/	98%
M3DN20-24	20A	/	/	98%
M3DN20-48	20A	/	/	98%

40W

Model No.	Output	Tol.	R&N	Effi.
M3DN40-12	40A	/	/	98%
M3DN40-24	40A	/	/	98%
M3DN40-48	40A	/	/	98%

MQR Series D in-rail Power Supply

MQR | 120 | - | 24 | F

- MQR: Series PQR
- 120: Output power
- 24: Output voltage
- F: Input voltage/power (F:100-240VAC C:WithPFC)


75W


120W


150W


240W


480W

Features

- 75W-480W, Output 5-48V, full categories
- Slim size, assemble on DIN rail TS-35 / 7.5 or 15
- Cooling by free air convection
- Universal AC input/Full range
- Built-in active PFC function(240W\480W)
- EMC EN55022 class A
- 3 years warranty
- CE/ROHS

Model No	MQR075	MQR120	MQR150	MQR240	MQR480
Input Voltage	96-264VAC;120-370VDC				
Input current	1.45A/115VAC, 0.9A/230VAC	2.25A/115VAC, 1.3A/230VAC	2.6A/115VAC, 1.7A/230VAC	2.5A/115VAC, 1.3A/230VAC	4.8A/115VAC, 2.4A/230VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail				
Surge current	20A/115VAC, 35A/230VAC				
Overload Protection	Protection: Constant current output, recover automatically after the fault condition is removed				Protection: Constant current output, shut down in 3s, restart to recover
Over Voltage Protection	Shut down and recover automatically				
Over temperature Protection	Shut down and recover automatically				
Safety Standards	60950-1、GB4943.1				
EMC Standards	EN55032 (CISPR32)ClassB;EN61000-4-2,3,4,5,6,8,11,EN55024				
Dielectric strength	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Operation temperature	-20~+60℃ (Please refer to derating curve)	-30~+70℃ (Please refer to derating curve)	-20~+60℃ (Please refer to derating curve)	-40~+70□ (Please refer to derating curve)	
Dimension (W*H*D)(mm) Remark①	D004/125.2*32*102	D005/125.2*40*113.5		D006/125.2*63*113.5	D007/125.2*85.5*128.5
Weight (Kg)	~0.55	~0.65		~1.08	~1.9

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

75W

Model No.	Output	Tol.	R&N	Effi.
MQR075-12F	6.3A 12V	±2%	80mV	83%
MQR075-24F	3.2A 24V	±1%	120mV	86%
MQR075-48F	1.6A 48V	±1%	150mV	87%

150W

Model No.	Output	Tol.	R&N	Effi.
MQR150-24F	6.5A 24V	±1%	150mV	87%
MQR150-48F	3.2A 48V	±1%	150mV	88%

480W

Model No.	Output	Tol.	R&N	Effi.
MQR480-24C	20A 24V	±1%	150mV	90%
MQR480-48C	10A 48V	±1%	150mV	90%

120W

Model No.	Output	Tol.	R&N	Effi.
MQR120-12F	10A 12V	±2%	100mV	84%
MQR120-24F	5A 24V	±1%	120mV	87%
MQR120-48F	2.5A 48V	±1%	150mV	88%

240W

Model No.	Output	Tol.	R&N	Effi.
MQR240-12C	14A 12V	±2%	120mV	85%
MQR240-24C	10A 24V	±1%	150mV	87%
MQR240-48C	5A 48V	±1%	150mV	89%

MSR Series DIN-rail power supply with DC/OK and PFC

MSR | 120 | - | 24

- MSR: Series MSR
- 120: Output power
- 24: Output voltage


120W


240W


480W


960W

Features

- 150% peak load capability
- Built-in PFC function, PF□0.93
- High efficiency up to 91% and low power dissipation
- Protections:Short circuit/Over load/ Over voltage/Over temperature
- Cooling by free air convection
- DIN-rail installation:TS-35/7.5 or TS-35/15
- Built-in DC/OK relay contact
- 100% full load burn-in test
- 3 years warranty

Model No	MSR120	MSR240	MSR480	MSR960W
Input Voltage	88-264VAC 124-370VDC		90-264VAC 127-370VDC	180-264VAC 254-370VDC
Input current	1.4A/115VAC 0.7A/230VAC	2.6A/115VAC 1.3A/230VAC	5A/115VAC 2.5A/230VAC	6A/230VAC
Output Voltage Adjustment Range	±10%			22-55V
Surge current	35A/115VAC 70A/230VAC	33A/115VAC 65A/230VAC	40A/115VAC 80A/230VAC	Cold start:50A/230VAC
Overload Protection	If the output over 150% of the rated power, limit the output current and recover automatically within 3s, shut down after 3s			Protection mode: Constant current limiting within 130-150% of rated output. Unit shut down O/P after 3s. Recover when restart the unit
Over Voltage Protection	Shut down, restart to recover	Shut down and recover automatically		
Over temperature Protection	Shut down, recover automatically when the temperature back to normal			
Safety Standards	60950-1、GB4943.1			
EMC Standards	EN55032 (CISPR32)ClassB;EN61000-4-2,3,4,5,6,8,11,EN61000-6-1			
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+70℃(Please refer to derating curve)			-30~+70℃(Please refer to derating curve)
Dimension (W*H*D)(mm) Remark①	D005-S/125.2*40*113.5	D006-S/125.2*63*113.5	D007-S/125.2*85.5*128.5	D008-S/125.2*110*150
Weight (Kg)	~0.67	~1.03	~1.6	~2.47

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

120W

Model No.	Output	Tol.	R&N	Effi.
MSR120-12	10A 12V	±1%	100mV	89%
MSR120-24	5A 24V	±1%	100mV	91%
MSR120-48	2.5A 48V	±1%	120mV	91%

240W

Model No.	Output	Tol.	R&N	Effi.
MSR240-24	10A 24V	±1%	100mV	94%
MSR240-48	5A 48V	±1%	120mV	94%

480W

Model No.	Output	Tol.	R&N	Effi.
MSR480-24	20A 24V	±1.2%	100mV	94%
MSR480-48	10A 48V	±1%	120mV	94%

960W

Model No.	Output	Tol.	R&N	Effi.
MSR960-24	40A 24V	±1%	180mV	94%
MSR960-48	20A 48V	±1%	250mV	94%

MHR Series Wide range universal input voltage Din-rail power supply

MHR 120 - 24

Series MHR | Output power | Output voltage


120W


240W


480W

Features

- Single and two phases wide range AC input (180~550VAC)
- Protections:Short circuit/Over load/Over voltage/Over temperature
- Cooling by free air convection
- Built-in constant current limiting circuit
- DIN-rail installation:TS-35/7.5 or TS-35/15
- Designed with reference to UL508 (industrial control equipment)
- Designed with reference to EN61000-6-2(EN50082-2) industrial immunity level
- 100% full load burn-in test
- Built-in DC/OK relay contact
- 3 years warranty

Model No	MHR120	MHR240	MHR480
Input Voltage	180-550VAC或254-780VDC		
Input current	0.7A/400VAC 1.2A/230VAC	1A/400VAC 2A/230VAC	1.6A/400VAC 4A/230VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail		
Surge current	Cold start:50A		
Overload Protection	Protection: Constant current output, recover automatically after the fault condition is removed.	Protection : Constant current limiting Unit shut down O/P in 3s. Recover automatically after 1 min. when the fault is removed.	
Over Voltage Protection	Protection: Shut down, restart to recover	Protection: Shut down O/P, Recover automatically in 1 min. when the fault is removed.	
Over temperature Protection	Shut down, recover automatically when the temperature back to normal	Protection mode: Shut down O/P. Recover automatically when temperature goes down.	
Safety Standards	60950-1、GB4943.1	EN61000-4-2,3,4,5,6,8,11,EN55024,EN61000-6-2(EN50082-2),EN61204,A class heavy industrial standard	
EMC Standards	EN55022(CISPR32)Class B; EN61000-4-2,3,4,5,6,8,11,EN61000-6-1	EN55032(CISPR32),EN61204-3 Class B,EN61000-3-2-3	
Dielectric strength	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC O/P-DC OK:0.5KVAC		
Operation temperature	-25~+70℃(Please refer to derating curve)	-30~+70℃(Please refer to derating curve)	
Dimension (W*H*D)(mm) Remark①	D005-H/125.2*40*113.5	D006-H/125.2*63*113.5	D007-H/125.2*85.5*128.5
Weight (Kg)	~0.65	~1.06	~1.7

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

120W

Model No.	Output	Tol.	R&N	Effi.
MHR120-12	10A 12V	±1.5%	120mV	89.5%
MHR120-24	5A 24V	±1%	120mV	91%
MHR120-48	2.5A 48V	±1%	150mV	92%

240W

Model No.	Output	Tol.	R&N	Effi.
MHR240-24	10A 24V	±1%	150mV	91%
MHR240-48	5A 48V	±1%	150mV	91%

480W

Model No.	Output	Tol.	R&N	Effi.
MHR480-24	20A 24V	±1%	100mV	92%
MHR480-48	10A 48V	±1%	150mV	93%

MTR Series 3-Phase 380VAC Input DIN-rail Power Supply

MTR 240 - 24

Series MTR | Output power | Output voltage


240W


480W


960W

Features

- 3-phase 340-550VAC input (2-phase operation possible)
- High efficiency 94.5% and low dissipation
- Built-in active PFC function
- Suitable for DIN rail TS-35/7.5 or 15
- Built-in DC OK relay contact
- Cooling by free air convection
- Built-in C-C limiting
- 3 years warranty

Model No	MTR240	MTR480	MTR960
Input Voltage	3-phase 340-550VAC input (2-phase operation possible in connecting L1,L3, FG or L2,L3,FG) or 480~780VDC	3-phase 340-550VAC input (2-phase operation possible) 480-780VDC	
Input current	0.69A/400VAC 0.6A/500VAC	0.85A/400VAC 0.7A/500VAC	2A/400VAC 1.4A/500VAC
Output Voltage Adjustment Range	24-55V		
Surge current	Cold start: 50A		Cold start:60A
Overload Protection	Protection mode: Constant current limiting. Then change to Hiccup mode in 3s.	Protection mode: Constant current limiting. Shut down O/P in 3s. Recover when restart.	Protection mode: Constant current limiting. Shut down O/P in 3s. Recover when restart.
Over Voltage Protection	Protection mode: Hiccup, recover automatically when the fault is removed.	Protection mode: Shut down O/P, Recover when restart.	Protection mode: Shut down O/P, Recover when restart.
Over temperature Protection	–		Protection mode: Shut down O/P. Recover automatically when the temperature goes down.
Safety Standards	UL61010-1, UL61010-2-201, EN61558-1, EN61558-2-16, AS/NZS 62368.1	UL508, IEC60950-1	UL508
EMC Standards	EN55032 (CISPR32), EN61204-3 ClassB, EN61000-3-2,-3		
Dielectric strength	I/P-O/P:3.0KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC O/P-DC OK:0.5KVAC		
Operation temperature	-30~+70 ℃(Please refer to derating curve)		
Dimension (W*H*D)(mm) Remark①	D006-T/125.2*63*113.5	D007-T/125.2*85.5*128.5	D008-T/125.2*110*150
Weight (Kg)	~1	~1.51	~2.47

Remark①: Please refer to ①Dimension diagram② for installation;
Remark②: Please ask sales for data sheet for detail specification.

240W

Model No.	Output	Tol.	R&N	Effi.
MTR240-24	10A 24V	±1%	100mV	89%
MTR240-48	5A 48V	±1%	120mV	91%

480W

Model No.	Output	Tol.	R&N	Effi.
MTR480-24	20A 24V	±1%	150mV	92.5%
MTR480-48	10A 48V	±1%	150mV	93%

960W

Model No.	Output	Tol.	R&N	Effi.
MTR960-24	40A 24V	±1%	180mV	94%
MTR960-48	20A 48V	±1%	250mV	94.5%

M2R Series High performance DC-OK Din-rail Power Supply

M2R — 120 — 24
Series M2R | Output power | Output voltage


120W


240W


480W


960W

Features

- 150% peak load capability
- Built-in active PFC function, PF□0.93
- High efficiency 91% and low power dissipation
- Protections:Short citcuit/Overload/Over voltage/Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- Built-in DC OK relay contact
- 100% full load burn-in test
- 3 years warranty

Model No	M2R120	M2R240	M2R480	M2R960W
Input Voltage	88-264VAC 124-370VDC		90-264VAC 127-370VDC	180-264VAC 254-370VDC
Input current	1.4A/115VAC 0.7A/230VAC	2.6A/115VAC 1.3A/230VAC	5A/115VAC 2.5A/230VAC	6A/230VAC
Output Voltage Adjustment Range	±10%			22-55V
Surge current	35A/115VAC 70A/230VAC	33A/115VAC 65A/230VAC	40A/115VAC 80A/230VAC	Cold start: 50A/230VAC
Overload Protection	>150% rated power, constant current limiting with auto-recovery within 3 seconds and shut down o/p voltage after 3 seconds			Protection mode: Constant current limitingwithin130-150% of rated output. Unit shut down0.7Safter3s. Recover when restart the unit
Over Voltage Protection	Shut down, restart to recover	Shut down and recover automatically		
Over temperature Protection	Shut down, recover automatically when the temperature back to normal			
Safety Standards	60950-1、GB4943.1			
EMC Standards	EN55032 (CISPR32)ClassB;EN61000-4-2,3,4,5,6,8,11,EN61000-6-1			
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
Operationtemperature	-25~+70□(Please refer to derating curve)			-30~+70□(Please refer to "Reduction Curve")
Dimension (W*H*D)(mm) Remark①	D005-S/125.2*40*113.5	D006-S/125.2*63*113.5	D007-S/125.2*85.5*128.5	D008-S/125.2*110*150
Weight (Kg)	~0.67	~1.03	~1.6	~2.47

注①:壳体安装，详见“产品尺寸图”。
注②:更多技术参数，请向业务部门索取“技术规格书”。

120W

Model No.	Output	Tol.	R&N	Effi.
M2R120-12	10A 12V	±1%	100mV	89%
M2R120-24	5A 24V	±1%	100mV	91%
M2R120-48	2.5A 48V	±1%	120mV	91%

240W

Model No.	Output	Tol.	R&N	Effi.
M2R240-24	10A 24V	±1%	100mV	94%
M2R240-48	5A 48V	±1%	120mV	94%

480W

Model No.	Output	Tol.	R&N	Effi.
M2R480-24	20A 24V	±1.2%	100mV	94%
M2R480-48	10A 48V	±1%	120mV	94%

960W

Model No.	Output	Tol.	R&N	Effi.
M2R960-24	40A 24V	±1%	180mV	94%
M2R960-48	20A 48V	±1%	250mV	94%

M3R Series High performance wide voltage DC-OK Din-rail Power Supply

M3R — 120 — 24
Series M3R | Output power | Output voltage


120W


240W


480W

Features

- Single and dual phase wide range 180~550VAC AC input
- Protection type: short circuit/over load/over voltage/over temperature
- Natural cold air
- Built-in constant current limiting circuit
- Mounting track: TS-35/7.5 or TS-35/15
- Design reference UL508(Industrial control equipment) certification
- Design reference to EN61000-6-2(EN50082-2) industrial tolerance grade
- 100% full load aging test
- Built in DC/OK relay contacts
- 3 years guarantee

Model No	M3R120	M3R240	M3R480
Input Voltage	180-550VAC或254-780VDC		
Input current	0.7A/400VAC 1.2A/230VAC	1A/400VAC 2A/230VAC	1.6A/400VAC 4A/230VAC
Output Voltage Adjustment Range	See the technical specification for details		
Surge current	Cold start: 50A		
Overload Protection	Protection mode: Constant current mode. Automatically recovers when the load is removed abnormally	Protection mode: Constant current limit, shut down output after 3 seconds, abnormal conditions removed one minute after the automatic recovery	
Over Voltage Protection	Protection mode: The output voltage is turned off and automatically recovers after restart	Protection mode: The output voltage is off. The system automatically recovers one minute after abnormal load conditions are removed	
Over temperature Protection	Turn off the output and automatically recover when the temperature returns to normal	Protection mode: Turn off the output voltage and automatically recover when the temperature drops	
Safety Standards	60950-1、GB4943.1	EN61000-4-2,3,4,5,6,8,11,EN55024,EN61000-6-2(EN50082-2),EN61204,A级重工业标准	
EMC Standards	EN55022(CISPR32)Class B; EN61000-4-2,3,4,5,6,8,11,EN61000-6-1	EN55032(CISPR32),EN61204-3 Class B,EN61000-3-2-3	
Dielectric strength	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC O/P-DC OK:0.5KVAC		
Operationtemperature	-25~+70□□Please refer to "Load Reduction Curve"□	-30~+70□□Please refer to "Load Reduction Curve"□	
Dimension (W*H*D)(mm) Remark①	D005-H/125.2*40*113.5	D006-H/125.2*63*113.5	D007-H/125.2*85.5*128.5
Weight (Kg)	~0.65	~1.06	~1.7

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

120W

Model No.	Output	Tol.	R&N	Effi.
M3R120-12	10A 12V	±1.5%	120mV	89.5%
M3R120-24	5A 24V	±1%	120mV	91%
M3R120-48	2.5A 48V	±1%	150mV	92%

240W

Model No.	Output	Tol.	R&N	Effi.
M3R240-24	10A 24V	±1%	150mV	91%
M3R240-48	5A 48V	±1%	150mV	91%

480W

Model No.	Output	Tol.	R&N	Effi.
M3R480-24	20A 24V	±1%	100mV	92%
M3R480-48	10A 48V	±1%	150mV	93%

M5R Series High performance three phase DC-OK Din-rail Power Supply

M5R — Series M5R
240 — Output power
24 — Output voltage


240W


480W


960W

Features

- Three-phase 340~550VAC input (bidirectional operation)
- The maximum working efficiency reached 94.5%
- Built-in active power factor correction function
- Mounting track :TS-35/7.5 or 15
- Built in DC OK relay contacts
- High efficiency, low loss
- Natural air cooling
- Built-in constant current limiting current
- 3 years guarantee

ModelNo	M5R240	M5R480	M5R960
Input Voltage	Three phase340~550VAC(connectionL1, L3, FGorL2, L3, FGTime can work in two phases) or480~780VDC	Three phase340~550VAC(Can be biphase operation) 480~780VDC	
Input current	0.69A/400VAC 0.6A/500VAC	0.85A/400VAC 0.7A/500VAC	2A/400VAC 1.4A/500VAC
Output Voltage Adjustment Range	24-55V		
Surge current	Cold start: 50A		Cold start: 60A
Overload Protection	Protection mode: constant current mode, enter hiccup mode after 3 seconds	Protection mode: constant current mode, load will shut down after 3 seconds, The system automatically recovers after restart	Protection mode: constant current limit, shut off output after 3 seconds, restart and restore
Over Voltage Protection	Protection mode: hiccup mode, automatically recovered after troubleshooting	Protection mode: Turn off the output and can be recovered after the power is restarted	Protection mode: Disable the output voltage and restart the system
Over temperature Protection	—		Turn off the output voltage and recover automatically when the temperature drops
Safety Standards	UL61010-1, UL61010-2-201, EN61558-1, EN61558-2-16, AS/NZS 62368.1	UL508, IEC60950-1	UL508
EMC Standards	EN55032 (CISPR32), EN61204-3 ClassB, EN61000-3-2,-3		
Dielectric strength	I/P-O/P:3.0KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC O/P-DC OK:0.5KVAC		
Operationtemperature	-30~+70 □□Please refer to "Reduction Curve"□		
Dimension (W*H*D)(mm) Remark①	D006-T/125.2*63*113.5	D007-T/125.2*85.5*128.5	D008-T/125.2*110*150
Weight (Kg)	~1	~1.51	~2.47

注①:壳体安装，详见“产品尺寸图”。
注②:更多技术参数，请向业务部门索取“技术规格书”。

240W

Model No.	Output	Tol.	R&N	Effi.
M5R240-24	10A 24V	±1%	100mV	89%
M5R240-48	5A 48V	±1%	120mV	91%

480W

Model No.	Output	Tol.	R&N	Effi.
M5R480-24	20A 24V	±1%	150mV	92.5%
M5R480-48	10A 48V	±1%	150mV	93%

960W

Model No.	Output	Tol.	R&N	Effi.
M5R960-24	40A 24V	±1%	180mV	94%
M5R960-48	20A 48V	±1%	250mV	94.5%

MPS Series AC/DC High-performance Power Supply

MPS	-	050W	24V	F	S	-Q
Series MPS		Output power	Output voltage	Input voltage/power	Screw terminal connection	Q: Vertical terminal

Input voltage/power:
F:100-240VAC
S:115/230VAC
I:200-240VAC
H:Output power≤100W/100-300VA
Output power≥150W/200-300VAC

Screw terminal connection:
S: large terminal
B: Without protection
P: quick-plug terminal

Features

- 12-2400W, Output 3.3-110VDC, full categories
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Withstand 300VAC surge input for 5 second
- 150% peak load capability
- All-aluminum housing, dust proof, antiseptic treatment and damp proof. Suitable for harsh environment
- 3 -M4 mounting hole installation□35-350W□
- Built-in Mounting hole in the case (200/350W)
- Fast plug-in connection saving more than 70% man-hour
- 3 years warranty
- CCC/CQC/CE/ROHS


12W


16W


24W


35/50/75W


35/50/75W□P

Model No	MPS-012W	MPS-016W	MPS-024W	MPS-035W	MPS-050W	MPS-075W	MPS-100W
Input Voltage	F:85-264 VAC 120-370VDC						
Input current	0.35A/115VAC 0.25A/230VAC		0.55A/115VAC 0.35A/230VAC	0.75A/115VAC 0.5A/230VAC		1.1A/115VAC 0.65A/230VAC	2.0A/115VAC 1.2A/230VAC
Output Voltage Adjustment Range	±10%						
Surge current	22A/115VAC 44A/230VAC						
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed						
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed						
Overtemperature protection	—						
Safety Standards	60950-1、GB4943.1						
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1						
Dielectric strength	I/P-O/P:2KVAC(12W~24W) I/P-O/P:3KVAC(35W~75W) I/P-FG:1.5KVAC O/P-FG:0.5KVAC						
Operation temperature	-25~+60℃ (Please refer to derating curve)						
Dimension (W*H*D)(mm) Remark①	A001/78.5*48*20	A002/96.5*58*25		A003/118*90*38			
Weight (Kg)	~0.07	~0.1	~0.12	~0.29		~0.32	~0.45

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

12W

Model No.	Output	Tol.	R&N	Effi.
MPS-012W03VFB	2.4A 3.3V	±2%	25mV	80%
MPS-012W05VFB	2.4A 5V	±2%	25mV	80%
MPS-012W12VFB	1A 12V	±1%	30mV	82%
MPS-012W15VFB	0.8A 15V	±1%	35mV	82%
MPS-012W24VFB	0.5A 24V	±1%	40mV	83%
MPS-012W03VHB	2.4A 3.3V	±2%	25mV	80%
MPS-012W05VHB	2.4A 5V	±2%	25mV	80%
MPS-012W12VHB	1A 12V	±1%	30mV	82%
MPS-012W15VHB	0.8A 15V	±1%	35mV	82%
MPS-012W24VHB	0.5A 24V	±1%	40mV	83%

24W

Model No.	Output	Tol.	R&N	Effi.
MPS-024W03VFB	4.5A 3.3V	±2%	25mV	80%
MPS-024W05VFB	4A 5V	±2%	25mV	80%
MPS-024W12VFB	2A 12V	±1%	25mV	83%
MPS-024W15VFB	1.6A 15V	±1%	35mV	84%
MPS-024W24VFB	1.0A 24V	±1%	35mV	86%
MPS-024W48VFB	0.5A 48V	±1%	40mV	86%
MPS-024W03VHB	4.5A 3.3V	±2%	25mV	80%
MPS-024W05VHB	4A 5V	±2%	25mV	80%
MPS-024W12VHB	2A 12V	±1%	25mV	83%
MPS-024W15VHB	1.6A 15V	±1%	35mV	84%
MPS-024W24VHB	1.0A 24V	±1%	35mV	86%
MPS-024W48VHB	0.5A 48V	±1%	40mV	86%
MPS-024W05VFP	4A 5V	±2%	25mV	80%
MPS-024W12VFP	2A 12V	±1%	25mV	83%
MPS-024W15VFP	1.6A 15V	±1%	35mV	84%
MPS-024W24VFP	1.0A 24V	±1%	35mV	86%

16W

Model No.	Output	Tol.	R&N	Effi.
MPS-016W05VFB	3A 5V	±1%	100mV	75%
MPS-016W12VFB	1.4A 12V	±1%	100mV	75%
MPS-016W15VFB	1.1A 15V	±1%	110mV	77%
MPS-016W24VFB	0.7A 24V	±1%	110mV	82%
MPS-016W05VHB	3A 5V	±1%	100mV	80%
MPS-016W12VHB	1.4A 12V	±1%	100mV	80%
MPS-016W15VHB	1.1A 15V	±1%	110mV	82%
MPS-016W24VHB	0.7A 24V	±1%	110mV	82%

35W

Model No.	Output	Tol.	R&N	Effi.
MPS-035W05VFS	7.0A 5V	±2%	80mV	80%
MPS-035W12VFS	2.9A 12V	±1%	120mV	83%
MPS-035W15VFS	2.3A 15V	±1%	150mV	84%
MPS-035W24VFS	1.46A 24V	±1%	200mV	86%
MPS-035W48VFS	0.73A 48V	±1%	200mV	86%
MPS-035W05VHS	7.0A 5V	±2%	80mV	80%
MPS-035W12VHS	2.9A 12V	±1%	120mV	83%
MPS-035W15VHS	2.3A 15V	±1%	150mV	84%
MPS-035W24VHS	1.46A 24V	±1%	200mV	86%
MPS-035W48VHS	0.73A 48V	±1%	200mV	86%
MPS-035W05VFP	7.0A 5V	±2%	80mV	80%
MPS-035W12VFP	2.9A 12V	±1%	120mV	83%
MPS-035W15VFP	2.3A 15V	±1%	150mV	84%
MPS-035W24VFP	1.46A 24V	±1%	200mV	86%
MPS-035W48VFP	0.73A 48V	±1%	200mV	86%
MPS-035W05VFS-Q	7.0A 5V	±2%	80mV	80%
MPS-035W12VFS-Q	2.9A 12V	±1%	120mV	83%
MPS-035W15VFS-Q	2.3A 15V	±1%	150mV	84%
MPS-035W24VFS-Q	1.46A 24V	±1%	200mV	86%
MPS-035W48VFS-Q	0.73A 48V	±1%	200mV	86%

50W

Model No.	Output	Tol.	R&N	Effi.
MPS-050W03VFS	10A 3.3V	±2%	70mV	78%
MPS-050W05VFS	10A 5V	±2%	70mV	80%
MPS-050W12VFS	4.2A 12V	±1%	110mV	83%
MPS-050W15VFS	3.4A 15V	±1%	110mV	84%
MPS-050W24VFS	2.1A 24V	±1%	110mV	86%
MPS-050W48VFS	1.1A 48V	±1%	180mV	86%
MPS-050W05VHS	10A 5V	±2%	70mV	80%
MPS-050W12VHS	4.2A 12V	±1%	110mV	83%
MPS-050W15VHS	3.4A 15V	±1%	110mV	84%
MPS-050W24VHS	2.1A 24V	±1%	110mV	86%
MPS-050W48VHS	1.1A 48V	±1%	180mV	86%
MPS-050W05VFP	10A 5V	±2%	70mV	80%
MPS-050W12VFP	4.2A 12V	±1%	110mV	83%
MPS-050W15VFP	3.4A 15V	±1%	110mV	84%
MPS-050W24VFP	2.1A 24V	±1%	110mV	86%
MPS-050W48VFP	1.1A 48V	±1%	180mV	86%
MPS-050W05VFS-Q	10A 5V	±2%	70mV	80%
MPS-050W12VFS-Q	4.2A 12V	±1%	110mV	83%
MPS-050W15VFS-Q	3.4A 15V	±1%	110mV	84%
MPS-050W24VFS-Q	2.1A 24V	±1%	110mV	86%
MPS-050W48VFS-Q	1.1A 48V	±1%	180mV	86%

75W

Model No.	Output	Tol.	R&N	Effi.
MPS-075W05VFS	14A 5V	±2%	70mV	80%
MPS-075W07VFS	10A 7.5V	±1%	100mV	80%
MPS-075W12VFS	6.2A 12V	±1%	110mV	83%
MPS-075W15VFS	5A 15V	±1%	110mV	84%
MPS-075W24VFS	3.13A 24V	±1%	110mV	86%
MPS-075W48VFS	1.57A 48V	±1%	180mV	86%
MPS-075W05VHS	14A 5V	±2%	70mV	80%
MPS-075W12VHS	6.2A 12V	±1%	110mV	83%
MPS-075W15VHS	5A 15V	±1%	110mV	84%
MPS-075W24VHS	3.13A 24V	±1%	110mV	86%
MPS-075W48VHS	1.57A 48V	±1%	180mV	86%
MPS-075W05VFP	14A 5V	±2%	70mV	80%
MPS-075W12VFP	6.2A 12V	±1%	110mV	83%
MPS-075W15VFP	5A 15V	±1%	110mV	84%
MPS-075W24VFP	3.13A 24V	±1%	110mV	86%
MPS-075W48VFP	1.57A 48V	±1%	180mV	86%
MPS-075W05VFS-Q	14A 5V	±2%	70mV	80%
MPS-075W12VFS-Q	6.2A 12V	±1%	110mV	83%
MPS-075W15VFS-Q	5A 15V	±1%	110mV	84%
MPS-075W24VFS-Q	3.13A 24V	±1%	110mV	86%
MPS-075W48VFS-Q	1.57A 48V	±1%	180mV	86%

100W

Model No.	Output	Tol.	R&N	Effi.
MPS-100W03VFS	20A 3.3V	±2%	80mV	78%
MPS-100W05VFS	16A 5V	±2%	80mV	78%
MPS-100W07VFS	13.4A 7.5V	±1%	120mV	78%
MPS-100W09VFS	11.2A 9V	±1%	120mV	85%
MPS-100W12VFS	8.4A 12V	±1%	120mV	85%
MPS-100W15VFS	6.7A 15V	±1%	120mV	86%
MPS-100W24VFS	4.2A 24V	±1%	130mV	88%
MPS-100W36VFS	2.8A 36V	±1%	130mV	88%
MPS-100W48VFS	2.1A 48V	±1%	150mV	88%
MPS-100W05VHS	16A 5V	±2%	80mV	78%
MPS-100W12VHS	8.4A 12V	±1%	120mV	85%
MPS-100W15VHS	6.7A 15V	±1%	120mV	86%
MPS-100W24VHS	4.2A 24V	±1%	130mV	88%
MPS-100W48VHS	2.1A 48V	±1%	150mV	88%
MPS-100W05VFP	16A 5V	±2%	80mV	78%
MPS-100W12VFP	8.4A 12V	±1%	120mV	85%
MPS-100W15VFP	6.7A 15V	±1%	120mV	86%
MPS-100W24VFP	4.2A 24V	±1%	130mV	88%
MPS-100W48VFP	2.1A 48V	±1%	150mV	88%

MPS Series AC/DC High-performance Power Supply

MPS - 1500W 24V 1 S -Q

- MPS: Series MPS
- 1500W: Output power
- 24V: Output voltage
- 1: Input voltage/power
  - F:100-240VAC
  - S:115/230VAC
  - I:200-240VAC
  - H:Output power≤100W/100-300VA
  - Output power≥150W/200-300VAC
- S: Screw terminal connection
  - S: large terminal
  - B: Without protection
  - P: quick-plug terminal
- -Q: Q: Vertical terminal


100W/150W□1S


100/150W□P


350W□1S


150W□SS


200W□SS


350W□SS

Features

- 12-2400W, Output 3.3-110VDC, full categories
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Withstand 300VAC surge input for 5 second
- 150% peak load capability
- All-aluminum housing, dust proof, antiseptic treatment and damp proof. Suitable for harsh environment
- 3 -M4 mounting hole installation□35-350W□
- Built-in Mounting hole in the case (200/350W)
- Fast plug-in connection saving more than 70% man-hour
- 3 years warranty
- CCC/CQC/CE/ROHS

Model No	MPS-150W□1S	MPS-200W□1S	MPS-350W□1S	MPS-200W□SS	MPS-350W□SS
Input Voltage	1:176-264VAC 250-370VDC	H:220~305VAC 280~430VDC	S:90-132VAC或180-264VAC (Switching with built-in switch) 254-370VDC		
Input current	2.0A/230VAC	2.5A/230VAC	4A/230VAC	4.5A/115VAC 2.5A/230VAC	7A/115VAC 4A/230VAC
Output Voltage Adjustment Range	±10%				
Surge current	44A/230VAC	55A/230VAC	60A/230VAC	40A/115VAC 55A/230VAC	40A/115VAC 60A/230VAC
Overload Protection	Hiccup, recover automatically after the fault condition is removed	Constant current output, recover automatically after the fault condition is removed			
Over Voltage Protection	Hiccup, recover automatically after the fault condition is removed	Protection: Shut down, restart to recover			
Overtemperature protection	—	Shut down, recover automatically when the temperature back to normal			
Safety Standards	60950-1、GB4943.1				
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1				
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5K VAC				
Operation temperature	-25~+60□(Please refer to derating curve)				
Dimension (W*H*D)(mm) Remark①	A004/168*98*38	A005/220*115*50		A005/220*115*50	
Weight (Kg)	~0.49	~0.79	~0.87	~0.79	~0.87

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

150W

Model No.	Output	Tol.	R&N	Effi.
MPS-150W05V1S	19A 5V	±1%	80mV	80%
MPS-150W07V1S	17.4A 7.5V	±1%	120mV	80%
MPS-150W09V1S	16.7A 9V	±1%	120mV	80%
MPS-150W12V1S	12.5A 12V	±1%	120mV	83%
MPS-150W15V1S	10A 15V	±1%	120mV	84%
MPS-150W24V1S	6.5A 24V	±1%	120mV	86%
MPS-150W27V1S	5.5A 27V	±1%	120mV	86%
MPS-150W36V1S	4.2A 36V	±1%	130mV	86%
MPS-150W48V1S	3.2A 48V	±1%	200mV	86%
MPS-150W05VHS	19A 5V	±1%	80mV	80%
MPS-150W12VHS	12.5A 12V	±1%	120mV	83%
MPS-150W15VHS	10A 15V	±1%	120mV	84%
MPS-150W24VHS	6.5A 24V	±1%	120mV	86%
MPS-150W48VHS	3.2A 48V	±1%	200mV	86%
MPS-150W05V1P	19A 5V	±1%	80mV	80%
MPS-150W12V1P	12.5A 12V	±1%	120mV	83%
MPS-150W15V1P	10A 15V	±1%	120mV	84%
MPS-150W24V1P	6.5A 24V	±1%	120mV	86%
MPS-150W48V1P	3.2A 48V	±1%	200mV	86%
MPS-150W05V1S-Q	19A 5V	±1%	80mV	80%
MPS-150W12V1S-Q	12.5A 12V	±1%	120mV	83%
MPS-150W15V1S-Q	10A 15V	±1%	120mV	84%
MPS-150W24V1S-Q	6.5A 24V	±1%	120mV	86%
MPS-150W48V1S-Q	3.2A 48V	±1%	200mV	86%

200W

Model No.	Output	Tol.	R&N	Effi.
MPS-200W03V1S	40A 3.3V	±2%	150mV	78%
MPS-200W05V1S	40A 5V	±2%	150mV	78%
MPS-200W07V1S	26.7A 7.5V	±1%	150mV	78%
MPS-200W12V1S	16.7A 12V	±1%	150mV	85%
MPS-200W15V1S	13.4A 15V	±1%	150mV	85%
MPS-200W24V1S	8.4A 24V	±1%	150mV	86%
MPS-200W27V1S	7.5A 27V	±1%	200mV	88%
MPS-200W36V1S	5.6A 36V	±1%	240mV	88%
MPS-200W48V1S	4.2A 48V	±1%	240mV	88%
MPS-200W54V1S	3.7A 54V	±1%	80mV	80%
MPS-200W60V1S	3.4A 60V	±1%	120mV	83%
MPS-200W05VHS	40A 5V	±2%	150mV	78%
MPS-200W12VHS	16.7A 12V	±1%	150mV	85%
MPS-200W15VHS	13.4A 15V	±1%	150mV	85%
MPS-200W24VHS	8.A 24V	±1%	150mV	86%
MPS-200W36VHS	5.6A 36V	±1%	240mV	88%
MPS-200W48VHS	4.2A 48V	±1%	240mV	88%
MPS-200W05V1S-Q	40A 5V	±2%	150mV	78%
MPS-200W12V1S-Q	16.7A 12V	±1%	150mV	85%
MPS-200W15V1S-Q	13.4A 15V	±1%	150mV	85%
MPS-200W24V1S-Q	8.A 24V	±1%	150mV	86%
MPS-200W36V1S-Q	5.6A 36V	±1%	240mV	88%
MPS-200W48V1S-Q	4.2A 48V	±1%	240mV	88%
MPS-200W05VSS	40A 5V	±2%	150mV	85%
MPS-200W12VSS	16.7A 12V	±1%	150mV	85%
MPS-200W15VSS	13.4A 15V	±1%	150mV	85%
MPS-200W24VSS	8.4A 24V	±1%	150mV	86%
MPS-200W36VSS	5.6A 36V	±1%	240mV	86%
MPS-200W48VSS	4.2A 48V	±1%	240mV	88%

350W

Model No.	Output	Tol.	R&N	Effi.
MPS-350W03V1S	60A 3.3V	±2%	150mV	74%
MPS-350W05V1S	60A 5V	±2%	150mV	78%
MPS-350W07V1S	46.6A 7.5V	±1%	150mV	80%
MPS-350W12V1S	29.1A 12V	±1%	150mV	85%
MPS-350W15V1S	23.3A 15V	±1%	150mV	85%
MPS-350W24V1S	14.6A 24V	±1%	150mV	87%
MPS-350W27V1S	12.9A 27V	±1%	200mV	88%
MPS-350W36V1S	9.7A 36V	±1%	240mV	88%
MPS-350W48V1S	7.3A 48V	±1%	240mV	88%
MPS-350W54V1S	6.5A 54V	±1%	240mV	88%
MPS-350W60V1S	5.9A 60V	±1%	260mV	88%
MPS-350W72V1S	4.9A 72V	±1%	260mV	88%
MPS-350W80V1S	4.5A 80V	±1%	300mV	88%
MPS-350W100V1S	3.5A 100V	±1%	300mV	88%
MPS-350W110V1S	3.2A 110V	±1%	300mV	88%
MPS-350W220V1S	1.6A 220V	±1%	300mV	88%
MPS-350W05VHS	60A 5V	±1%	150mV	78%
MPS-350W12VHS	29.1A 12V	±1%	150mV	85%
MPS-350W24VHS	14.6A 24V	±1%	150mV	87%
MPS-350W36VHS	9.7A 36V	±1%	240mV	88%

Model No.	Output	Tol.	R&N	Effi.
MPS-350W48VHS	7.3A 48V	±1%	240mV	88%
MPS-350W54VHS	6.5A 54V	±1%	240mV	88%
MPS-350W60VHS	5.9A 60V	±1%	260mV	88%
MPS-350W72VHS	4.9A 72V	±1%	260mV	88%
MPS-350W80VHS	4.5A 80V	±1%	300mV	88%
MPS-350W100VHS	3.5A 100V	±1%	300mV	88%
MPS-350W110VHS	3.2A 110V	±1%	300mV	88%
MPS-350W220VHS	1.6A 220V	±1%	300mV	88%
MPS-350W05V1S-Q	60A 5V	±2%	150mV	78%
MPS-350W12V1S-Q	29.1A 12V	±1%	150mV	85%
MPS-350W15V1S-Q	23.3A 15V	±1%	150mV	85%
MPS-350W24V1S-Q	14.6A 24V	±1%	150mV	87%
MPS-350W36V1S-Q	9.7A 36V	±1%	240mV	88%
MPS-350W48V1S-Q	7.3A 48V	±1%	240mV	88%
MPS-350W05VSS	60A 5V	±2%	150mV	82%
MPS-350W12VSS	29.2A 12V	±1%	150mV	85%
MPS-350W24VSS	14.6A 24V	±1%	150mV	87%
MPS-350W36VSS	9.8A 36V	±1%	240mV	88%
MPS-350W48VSS	7.3A 48V	±1%	240mV	88%

MPS	-	600W	24V	S	S
Series MPS		Output power	Output voltage	Input voltage/power	Screw terminal connection

Input voltage/power:
F:100-240VAC
S:115/230VAC
I:200-240VAC
H:Output power≤100W/100-300VA
Output power≥150W/200-300VAC

Screw terminal connection:
S: large terminal
B: Without protection
P: quick-plug terminal


450W□SS


600W□SS


1000-□


1500-□

Features

- 12-15000W, Output 3.3-110VDC, full categories
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Withstand 300VAC surge input for 5 second
- 150% peak load capability
- All-aluminum housing, dust proof. antiseptic treatment and damp proof. Suitable for harsh environment
- 3 -M4 mounting hole installation□35-350W□
- Built-in Mounting hole in the case (200/350W)
- 3 years warranty
- CE/ROHS

Model No	MPS-450W□SS	MPS-600W□SS	MPS1000-□	MPS1500-□
Input Voltage	S:90-132VAC□180-264VAC□Switching with built-in switch□254-370VDC		1:176-264VAC 250-370VDC	
Input current	10/115VAC 6A/230VAC	12/115VAC 7.5A/230VAC	10A/230VAC	17.5A/230VAC
Output Voltage Adjustment Range	±10%			
Surge current	35A/115VAC 55A/230VAC	90A/230VAC		
Overload Protection	Protection: Shut down, restart to recover	Protection:5-48V Shut down, 60-110V limited current	Protection:5-48V Shut down, 60-110V limited current	Protection: Shut down, restart to recover
Over Voltage Protection	Protection: Shut down, restart to recover	Protection: Shut down, restart to recover		
Over temperature Protection	Protection: Shut down, restart to recover			
Safety Standards	60950-1、GB4943.1			
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1			
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+60℃(Please refer to derating curve)			
Dimension (W*H*D)(mm) Remark①	A006/225*124*50	A007/260*130*63.5 (MP00-05:A010/278*117.8*63.5)		A010/278*117.8*63.5
Weight (Kg)	~1.3	~1.5	~2	~2.5

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

450W

Model No.	Output	Tol.	R&N	Effi.
MPS-450W03VSS	75A 3.3V	±3%	120mV	76%
MPS-450W05VSS	75A 5V	±3%	120mV	78%
MPS-450W12VSS	37.5A 12V	±1%	140mV	85%
MPS-450W15VSS	30A 15V	±1%	140mV	86%
MPS-450W24VSS	18.8A 24V	±1%	150mV	86%
MPS-450W27VSS	16.7A 27V	±1%	150mV	86%
MPS-450W36VSS	12.5A 36V	±1%	180mV	87%
MPS-450W48VSS	9.4A 48V	±1%	180mV	87%

600W

Model No.	Output	Tol.	R&N	Effi.
MPS-600W05VSS	100A 5V	±2%	150mV	78%
MPS-600W12VSS	50A 12V	±1%	150mV	83%
MPS-600W15VSS	40A 15V	±1%	150mV	84%
MPS-600W24VSS	25A 24V	±1%	150mV	87%
MPS-600W27VSS	22.2A 27V	±1%	150mV	87%
MPS-600W36VSS	16.6A 36V	±1%	200mV	87%
MPS-600W48VSS	12.5A 48V	±1%	200mV	88%
MPS-600W60V1S	10A 60V	±1%	240mV	88%
MPS-600W80V1S	7.5A 80V	±1%	260mV	88%
MPS-600W110V1S	5.5A 110V	±1%	300mV	88%
MPS-600W120V1S	5A 120V	±1%	500mV	89%
MPS-600W220V1S	2.7A 220V	±1%	800mV	89%

1000W

Model No.	Output	Tol.	R&N	Effi.
MPS1000-05	150A 5V	±1%	150mV	85%
MPS1000-12	83.3A 12V	±1%	150mV	85%
MPS1000-24	41.7A 24V	±1%	200mV	88%
MPS1000-32	31.3A 32V	±1%	360mV	89%
MPS1000-36	27.8A 36V	±1%	360mV	89%
MPS1000-48	20.8A 48V	±1%	360mV	89%
MPS1000-60	16.7A 60V	±1%	480mV	89%
MPS1000-70	14.3A 70V	±1%	500mV	89%
MPS1000-80	12.5A 80V	±1%	600mV	89%
MPS1000-110	9A 110V	±1%	800mV	89%
MPS1000-120	8.3A 120V	±1%	800mV	89%
MPS-1000-220	4.5A 220V	±1%	800mV	89%

1500W

Model No.	Output	Tol.	R&N	Effi.
MPS1500-05	300A 5V	±2%	150mV	81%
MPS1500-12	125A 12V	±1%	150mV	85%
MPS1500-24	62.5A 24V	±1%	200mV	87%
MPS1500-27	55.6A 27V	±1%	200mV	87%
MPS1500-48	31.3A 48V	±1%	360mV	89%

MTS | **050** | - | **24** | **F** | **P** | **T**

- MTS: Series MTS
- 050: Output power
- 24: Output voltage
- F: Input voltage/power — Non:200-240VAC; F:100-240VAC; S:115/230VAC; H:Input powers150W 100-305VAC; Input power≥200W 200-305VAC
- P: Screw terminal connection — Leonard: Not regular. P: quick-plug terminal Q: Vertical terminal
- T: Q: Three anti coating

Features

- 12-15000W, Output 3.3-110VDC, full categories
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Withstand 300VAC surge input for 5 second
- 150% peak load capability
- All-aluminum housing, dust proof. antiseptic treatment and damp proof. Suitable for harsh environment
- 3 -M4 mounting hole installation□35-350W□
- Built-in Mounting hole in the case (200/350W)
- 3 years warranty
- CE/ROHS



25W 35/50W 75W 100W 150W 200W 350W

Model No	MTS025	MTS035	MTS050	MTS075	MTS100	MTS150	MTS200	MTS350	MTS200-□S	MTS350-□S
Input Voltage	F:85-264VAC 120-373VDC						180-264VAC		90-132VAC 180-264VAC □Switching with built-in switch□	
Input current	0.6A/115VAC 0.4A/230VAC	0.95A/115VAC 0.56A/230VAC		1.4A/115VAC 0.85A/230VAC	1.9A/115VAC 1.2A/230VAC	3A/115VAC 2A/230VAC	2.2A/230VAC	3.4A/230VAC	4A/115VAC 2.2A/230VAC	6.8A/115VAC 3.4A/230VAC
Output Voltage Adjustment Range	±10%									
Surge current	44A/115VAC 60A/230VAC	45A/230VAC		65A/230VAC	50A/230VAC	45A/230VAC	Cold start□60A/230VAC		60A/115VAC 60A/230VAC	
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed									
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed									
Over temperature Protection	——					Shut down, recover automatically when the temperature back to normal.				
Safety Standards	60950-1、GB4943.1									
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1									
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC						I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+60℃ (Please refer to derating curve)	-25~+70℃ (Please refer to derating curve)								
Dimension (W*H*D)(mm) Remark⊙	F001/ 96*60*27	F002/ 99*82*30		F003/ 99*97*30	F004/ 128*97*30	F005/ 160*96.5*30	F006/ 215*115*30	F007/ 215*115*30	F006/ 215*115*30	F007/ 215*115*30
Weight (Kg)	~0.136	~0.2		~0.2	~0.3	~0.3	~0.66	~0.76	~0.66	~0.76

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

25W

Model No.	Output	Tol.	R&N	Effi.
MTS025-3.3F	4.5A 3.3V	±2%	70mV	80%
MTS025-05F	5A/5V	±2%	80mV	80%
MTS025-12F	2.1A/12V	±1%	100mV	84%
MTS025-15F	1.7A/15V	±1%	100mV	84%
MTS025-24F	1.15A/24V	±1%	100mV	84%
MTS025-48F	0.5A/48V	±1%	120mV	85%
MTS025-3.3H	4.5A 3.3V	±2%	70mV	80%
MTS025-05H	5A 5V	±2%	80mV	80%
MTS025-12H	2.1A 12V	±1%	100mV	84%
MTS025-15H	1.7A 15V	±1%	100mV	84%
MTS025-24H	1.15A 24V	±1%	100mV	84%
MTS025-48H	0.5A 48V	±1%	120mV	85%
MTS025-3.3FT	4.5A 3.3V	±2%	70mV	80%
MTS025-05FT	5A 5V	±2%	80mV	80%
MTS025-12FT	2.1A 12V	±1%	100mV	84%
MTS025-15FT	1.7A 15V	±1%	100mV	84%
MTS025-24FT	1.15A 24V	±1%	100mV	84%
MTS025-48FT	0.5A 48V	±1%	120mV	85%
MTS025-3.3FP	4.5A 3.3V	±2%	70mV	80%
MTS025-05FP	5A/5V	±2%	80mV	80%
MTS025-12FP	2.1A/12V	±1%	100mV	84%
MTS025-15FP	1.7A/15V	±1%	100mV	84%
MTS025-24FP	1.15A/24V	±1%	100mV	84%
MTS025-48FP	0.5A/48V	±1%	120mV	85%

50W

Model No.	Output	Tol.	R&N	Effi.
MTS050-3.3F	10A/3.3V	±3%	80mV	80%
MTS050-05F	10A/5V	±2%	80mV	83%
MTS050-12F	4.2A/12V	±1%	120mV	86%
MTS050-15F	3.4A/15V	±1%	120mV	88%
MTS050-24F	2.2A24V	±1%	150mV	88%
MTS050-36F	1.45A/36V	±1%	200mV	89%
MTS050-48F	1.1A/48V	±1%	200mV	90%
MTS050-3.3H	10A 3.3V	±3%	80mV	80%
MTS050-05H	10A/5V	±2%	80mV	83%
MTS050-12H	4.2A/12V	±1%	120mV	86%
MTS050-15H	3.4A/15V	±1%	120mV	88%
MTS050-24H	2.2A24V	±1%	150mV	88%
MTS050-36H	1.45A/36V	±1%	200mV	89%
MTS050-48H	1.1A/48V	±1%	200mV	90%
MTS050-3.3FT	10A 3.3V	±3%	80mV	80%
MTS050-05FT	10A/5V	±2%	80mV	83%
MTS050-12FT	4.2A/12V	±1%	120mV	86%
MTS050-15FT	3.4A/15V	±1%	120mV	88%
MTS050-24FT	2.2A24V	±1%	150mV	88%
MTS050-36FT	1.45A/36V	±1%	200mV	89%
MTS050-48FT	1.1A/48V	±1%	200mV	90%

100W

Model No.	Output	Tol.	R&N	Effi.
MTS100-3.3F	11.5A/3.3V	±2%	100mV	86%
MTS100-05F	11.5A/5V	±2%	100mV	86%
MTS100-10H	10A/10V	±1%	120mV	88%
MTS100-12F	8.5A/12V	±1%	120mV	88%
MTS100-15F	7A/15V	±1%	120mV	88%
MTS100-24F	4.5A/24V	±1%	150mV	88%

35W

Model No.	Output	Tol.	R&N	Effi.
MTS035-05F	7A/5V	±2%	80mV	83%
MTS035-12F	3A/12V	±1%	120mV	86%
MTS035-15F	2.4A/15V	±1%	120mV	88%
MTS035-24F	1.45A/24V	±1%	150mV	88%
MTS035-05H	7A 5V	±2%	80mV	83%
MTS035-12H	3A 12V	±1%	120mV	86%
MTS035-15H	2.4A 15V	±1%	120mV	88%
MTS035-24H	1.45A 24V	±1%	150mV	88%
MTS035-05FT	7A 5V	±2%	80mV	83%
MTS035-12FT	3A 12V	±1%	120mV	86%
MTS035-15FT	2.4A 15V	±1%	120mV	88%
MTS035-24FT	1.45A 24V	±1%	150mV	88%
MTS035-05FP	7A/5V	±2%	80mV	83%
MTS035-12FP	3A/12V	±1%	120mV	86%
MTS035-15FP	2.4A/15V	±1%	120mV	88%
MTS035-24FP	1.45A/24V	±1%	150mV	88%
MTS035-05F-Q	7A 5V	±2%	80mV	83%
MTS035-12F-Q	3A 12V	±1%	120mV	86%
MTS035-15F-Q	2.4A 15V	±1%	120mV	88%
MTS035-24F-Q	1.45A 24V	±1%	150mV	88%

75W

Model No.	Output	Tol.	R&N	Effi.
MTS075-12	6A/12V	±1%	150mV	88%
MTS075-24	3.2A/24V	±1%	200mV	89%
MTS075-12H	6A 12V	±1%	50mV	88%
MTS075-24H	3.2A 24V	±1%	200mV	89%
MTS075-12T	6A 12V	±1%	150mV	88%
MTS075-24T	3.2A 24V	±1%	200mV	89%
MTS075H-05F	13A/5V	±2%	100mV	85%
MTS075-12P	6A/12V	±1%	150mV	88%
MTS075-24P	3.2A/24V	±1%	200mV	89%
MTS075-12-Q	6A/12V	±1%	150mV	88%
MTS075-24-Q	3.2A/24V	±1%	200mV	89%
MTS075H-05F	13A/5V	±2%	100mV	85%
MTS075H-12F	6A/12V	±1%	150mV	88%
MTS075H-15F	5A/15V	±1%	150mV	89%
MTS075H-24F	3.2A24V	±1%	200mV	89%
MTS075H-36F	2.1A/36V	±1%	200mV	89%
MTS075H-48F	1.6A/48V	±1%	200mV	90%
MTS075H-05FP	13A/5V	±2%	100mV	85%
MTS075H-12FP	6A/12V	±1%	150mV	85%
MTS075H-15FP	5A/15V	±1%	150mV	88%
MTS075H-24FP	3.2A/24V	±1%	200mV	89%
MTS075H-36FP	2.1A/36V	±1%	200mV	89%
MTS075H-48FP	1.6A/48V	±1%	200mV	90%
MTS075H-05F-Q	13A/5V	±2%	100mV	85%
MTS075H-12F-Q	6A/12V	±1%	150mV	85%
MTS075H-15F-Q	5A/15V	±1%	150mV	88%
MTS075H-24F-Q	3.2A/24V	±1%	200mV	89%
MTS075H-36F-Q	2.1A/36V	±1%	200mV	89%
MTS075H-48F-Q	1.6A/48V	±1%	200mV	90%
MTS075H-05FP	13A/5V	±2%	100mV	85%
MTS075H-12FP	6A/12V	±1%	150mV	88%
MTS075H-15FP	5A/15V	±1%	150mV	89%
MTS075H-24FP	3.2A24V	±1%	200mV	89%
MTS075H-36FP	2.1A/36V	±1%	200mV	89%
MTS075H-48FP	1.6A/48V	±1%	200mV	90%

MTS Series AC/DC Ultra-thin Power Supply

100W

MTS100-36F	2.8A/36V	±1%	200mV	91%
MTS100-48F	2.3A/48V	±1%	200mV	91%
MTS100-3.3H	11.5A/3.3V	±2%	100mV	86%
MTS100-05H	11.5A/5V	±2%	100mV	86%
MTS100-12H	7A/15V	±1%	120mV	88%
MTS100-24H	4.5A/24V	±1%	150mV	88%
MTS100-36H	2.8A/36V	±1%	200mV	91%
MTS100-3.3FT	11.5A/3.3V	±2%	100mV	86%
MTS100-05FT	11.5A/5V	±2%	100mV	86%
MTS100-12FT	8.5A/12V	±1%	120mV	88%
MTS100-15FT	7A/15V	±1%	120mV	88%
MTS100-24FT	4.5A/24V	±1%	150mV	88%
MTS100-36FT	2.8A/36V	±1%	200mV	91%
MTS100-48FT	2.3A/48V	±1%	200mV	91%

MTS100-3.3FP	11.5A/3.3V	±2%	100mV	86%
MTS100-05FP	11.5A/5V	±2%	100mV	86%
MTS100-12FP	8.5A/12V	±1%	120mV	88%
MTS100-15FP	7A/15V	±1%	120mV	88%
MTS100-24FP	4.5A/24V	±1%	150mV	88%
MTS100-36FP	2.8A/36V	±1%	200mV	91%
MTS100-48FP	2.3A/48V	±1%	200mV	91%
MTS100-3.3F-Q	11.5A/3.3V	±2%	100mV	86%
MTS100-05F-Q	11.5A/5V	±1%	100mV	86%
MTS100-12F-Q	8.5A/12V	±1%	120mV	88%
MTS100-15F-Q	7A/15V	±1%	120mV	88%
MTS100-24F-Q	4.5A/24V	±1%	150mV	88%
MTS100-36F-Q	2.8A/36V	±1%	200mV	91%
MTS100-48F-Q	2.3A/48V	±1%	200mV	91%

150W

Model No.	Output	Tol.	R&N	Effi.
MTS150-4.5F	17A/4.5V	±2%	100mV	85%
MTS150-05F	17A/5V	±2%	100mV	85%
MTS150-12F	12.5A/12V	±1%	150mV	88%
MTS150-15F	10A/15V	±1%	150mV	89%
MTS150-24F	6.5A/24V	±1%	200mV	89%
MTS150-36F	4.3A/36V	±1%	200mV	89%
MTS150-48F	3.3A/48V	±1%	200mV	90%
MTS150-54F	2.8A/54V	±1%	200mV	91%
MTS150-60F	2.5A/60V	±1%	200mV	91%
MTS150-05H	17A/5V	±2%	100mV	85%
MTS150-12H	12.5A/12V	±1%	150mV	88%
MTS150-15H	10A/15V	±1%	150mV	89%
MTS150-24H	6.5A/24V	±1%	200mV	89%
MTS150-36H	4.3A/36V	±1%	200mV	89%
MTS150-48H	3.3A/48V	±1%	200mV	90%
MTS150-54H	2.8A/54V	±1%	200mV	91%
MTS150-60H	2.5A/60V	±1%	200mV	91%
MTS150-05FT	17A/5V	±2%	100mV	85%
MTS150-12FT	12.5A/12V	±1%	150mV	88%
MTS150-15FT	10A/15V	±1%	150mV	89%

MTS150-24FT	6.5A/24V	±1%	200mV	89%
MTS150-36FT	4.3A/36V	±1%	200mV	89%
MTS150-48FT	3.3A/48V	±1%	200mV	90%
MTS150-54FT	2.8A/54V	±1%	200mV	91%
MTS150-60FT	2.5A/60V	±1%	200mV	91%
MTS150-05FP	17A/5V	±2%	100mV	85%
MTS150-12FP	12.5A/12V	±1%	150mV	88%
MTS150-15FP	10A/15V	±1%	150mV	89%
MTS150-24FP	6.5A/24V	±1%	200mV	89%
MTS150-36FP	4.3A/36V	±1%	200mV	89%
MTS150-48FP	3.3A/48V	±1%	200mV	90%
MTS150-54FP	2.8A/54V	±1%	200mV	91%
MTS150-60FP	2.5A/60V	±1%	200mV	91%
MTS150-05F-Q	17A/5V	±2%	100mV	85%
MTS150-12F-Q	12.5A/12V	±1%	150mV	88%
MTS150-15F-Q	10A/15V	±1%	150mV	89%
MTS150-24F-Q	6.5A/24V	±1%	200mV	89%
MTS150-36F-Q	4.3A/36V	±1%	200mV	89%
MTS150-48F-Q	3.3A/48V	±1%	200mV	90%
MTS150-54F-Q	2.8A/54V	±1%	200mV	91%
MTS150-60F-Q	2.5A/60V	±1%	200mV	91%

200W

Model No.	Output	Tol.	R&N	Effi.
MTS200-3.3	40A/3.3V	±3%	150mV	85%
MTS200-4.2	40A/4.2V	±3%	150mV	87%
MTS200-05	40A/05V	±3%	150mV	85%
MTS200-12	17A/12V	±1.5%	150mV	87%
MTS200-15	14A/15V	±1%	150mV	87%
MTS200-24	8.8A/24V	±1%	150mV	88%
MTS200-36	5.8A/36V	±1%	200mV	89%
MTS200-48	4.4A/48V	±1%	200mV	90%
MTS200-05H	40A/5V	±3%	150mV	85%
MTS200-12H	17A/12V	±1.5%	150mV	87%
MTS200-15H	14A/15V	±1%	150mV	87%
MTS200-24H	8.8A/24V	±1%	200mV	88%
MTS200-36H	5.8A/36V	±1%	200mV	89%
MTS200-48H	4.4A/48V	±1%	200mV	90%
MTS200-05S	40A/5V	±3%	150mV	85%
MTS200-12S	17A/12V	±1.5%	150mV	87%
MTS200-15S	14A/15V	±1%	150mV	87%
MTS200-24S	8.8A/24V	±1%	150mV	88%
MTS200-36S	5.8A/36V	±1%	200mV	87%

MTS200-48S	4.4A/48V	±1%	200mV	89%
MTS200-05T	40A/5V	±3%	150mV	85%
MTS200-12T	17A/12V	±1.5%	150mV	87%
MTS200-15T	14A/15V	±1%	150mV	87%
MTS200-24T	8.8A/24V	±1%	200mV	88%
MTS200-36T	5.8A/36V	±1%	200mV	89%
MTS200-48T	4.4A/48V	±1%	200mV	90%
MTS200-05P	40A/5V	±3%	150mV	85%
MTS200-12P	17A/12V	±1.5%	150mV	87%
MTS200-15P	14A/15V	±1%	150mV	87%
MTS200-24P	8.8A/24V	±1%	150mV	88%
MTS200-36P	5.8A/36V	±1%	200mV	89%
MTS200-48P	4.4A/48V	±1%	200mV	89%
MTS200-05-Q	40A/5V	±3%	150mV	85%
MTS200-12-Q	17A/12V	±1.5%	150mV	87%
MTS200-15-Q	14A/15V	±1%	150mV	87%
MTS200-24-Q	8.8A/24V	±1%	200mV	88%
MTS200-36-Q	5.8A/36V	±1%	200mV	89%
MTS200-48-Q	4.4A/48V	±1%	200mV	90%

350W

Model No.	Output	Tol.	R&N	Effi.
MTS350-3.3	60A/3.3V	±3%	150mV	83.5%
MTS350-4.2	60A/4.2V	±3%	150mV	83.5%
MTS350-05	60A/5V	±3%	150mV	83.5%
MTS350-12	29A/12V	±1.5%	150mV	85%
MTS350-15	23.3A/15V	±1%	150mV	85%
MTS350-24	14.6A/24V	±1%	150mV	88%
MTS350-36	9.7A/36V	±1%	200mV	88.5%
MTS350-48	7.3A/48V	±1%	200mV	89%
MTS350-05H	60A/5V	±3%	150mV	83.5%
MTS350-12H	29A/12V	±1.5%	150mV	85%
MTS350-15H	23.3A/15V	±1%	150mV	85%
MTS350-24H	14.6A/24V	±1%	150mV	88%
MTS350-36H	9.7A/36V	±1%	200mV	88.5%
MTS350-48H	7.3A/48V	±1%	200mV	90%
MTS350-05S	60A/5V	±3%	150mV	83. 5%
MTS350-12S	29A/12V	±1.5%	150mV	85%

MTS350-15S	23.3A/15V	±1%	150mV	85%
MTS350-24S	14.6A/24V	±1%	150mV	88%
MTS350-36S	9.7A/36V	±1%	200mV	88.5%
MTS350-48S	7.3A/48V	±1%	200mV	89%
MTS350-05T	60A/5V	±3%	150mV	83.5%
MTS350-12T	29A/12V	±1.5%	150mV	85%
MTS350-15T	23.3A/15V	±1%	150mV	85%
MTS350-24T	14.6A/24V	±1%	150mV	88%
MTS350-36T	9.7A/36V	±1%	200mV	88.5%
MTS350-48T	7.3A/48V	±1%	200mV	90%
MTS350-05-Q	60A/5V	±3%	150mV	83.5%
MTS350-12-Q	29A/12V	±1.5%	150mV	85%
MTS350-15-Q	23.3A/15V	±1%	150mV	85%
MTS350-24-Q	14.6A/24V	±1%	150mV	88%
MTS350-36-Q	9.7A/36V	±1%	200mV	88.5%
MTS350-48-Q	7.3A/48V	±1%	200mV	90%

MPH Series AC/DC High-performance Power Supply

MPH - 100W 24V 1 S

- MPH: Series MPH
- 100W: Output power
- 24V: Output voltage
- 1: Input voltage/power I:300-450VAC
- S: Screw terminal connection S: large terminal B: Without protection

Features

- Input 200-450VAC
- Protections:Over voltage/ Overload/Short circuit
- Surge protection
- 3 years warranty



24W



100 W



350W

Model No	MPH-024W	MPH-100W	MPH-350W
Input Voltage	200-450VAC 282-636VDC	300-450VAC 424-636VDC	
Input current	0.12A/200VAC	0.5A/380VAC	4A/380VAC
Output Voltage Adjustment Range	±10%		
Surge current	45A/200VAC	50A/380VAC	60A/380VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed	Protection: Shut down, restart to recover	Protection: Hiccup, recover automatically after the fault condition is removed
Over Voltage Protection	Protection: Shut down, restart to recover		
Safety Standards	60950-1、GB4943.1		
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1		
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
Operation temperature	-25~+70℃□please refer to "Derating Curve"□		
Dimension (W*H*D)(mm) Remark①	A002/96.5*58*25	A004/168*98*38	A005/220*115*50
Weight (Kg)	~0.15	~0.45	~0.87

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

24W

Model No.	Output	Tol.	R&N	Effi.
MPH-024W12V1B	2A 12V	±1%	100mV	80%
MPH-024W24V1B	1A 24V	±1%	150mV	83%

100W

Model No.	Output	Tol.	R&N	Effi.
MPH-100W12V1S	8.3A 12V	±1%	120mV	80%
MPH-100W24V1S	4.2A 24V	±1%	120mV	85%

350W

Model No.	Output	Tol.	R&N	Effi.
MPH-350W12V1S	29.2A 12V	±1%	150mV	84%
MPH-350W24V1S	14.6A 24V	±1%	150mV	87%

MPZ Series Switchable Output Power Supply

MPZ 240 - C

- MPZ: Series MPZ
- 240: Output power
- C: Output voltage



240W

Features

- Excellent ripple performance
- Swichable between 12VDC and 24VDC through STB terminal
- 100% Full load burn-in test
- Protection: Overload/Short circuit
- LED indicator for operation state
- Cooling by free air convection. Vibration protection
- 3-M4 mounting hole installation. Terminal with protection cover
- Al-housing for whole series products
- 3 years warranty

Model No	MPZ240
Input Voltage	180-264VAC 254-370VDC
Input current	3A/230VAC
Output Voltage Adjustment Range	±5%
Surge current	60A/230VAC
Over Voltage Protection	Protection mode: Constant current limiting. Recover automatically when the fault is removed.
Safety Standards	GB4943.1
EMC Standards	EN61000-4-2□3□4□5□6□8□11□EN61000-6-1,A class light standard
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
Operation temperature	-20~+70℃□please refer to "Derating Curve"□
Dimension (W*H*D)(mm) Remark①	A005/220*115*50
Weight (Kg)	~0.75

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

240W

Model No.	Output	Tol.	R&N	Effi.
MPZ240-C	10A 12V or 24V	±5%	200mV	83% or 86%

MPC | **320** | **-** | **24**

- MPC: Series MPC
- 320: Output power
- 24: Output voltage

Features

- Universal full range AC input
- Built-in active PFC function
- High efficiency up to 90%
- Air cooling by built-in DC fan
- Protections:Short circuit/Over load/Over voltage/ Over temperature
- Moisture proof models (Optional)
- LED indicator for power ON
- CCC certificate
- 3-year warranty



200W



320W



500/750W



1000/2000W



2400/3000W

Model No								
Input Voltage	88-264VAC 124-370VDC		88-264VAC 120-370VDC	90-264VAC 127-320VDC			180-264VAC 254-370VDC	
Input current	2A/115VAC 1.1A/230VAC	4A/115VAC 2A/230VAC	5.3A/115VAC 2.65A/230VAC	8.2A/115VAC 3.9A/230VAC	12A/115VAC 6A/230VAC	13A/115VAC 7A/230VAC	15.5A/180VAC 12A/230VAC	20A/180VAC 16A/230VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail							
Surge current	Cold start□20A/115VAC 40A/230VAC					Cold start□50A	60A/230VAC	
Overload Protection	Protection mode: Hiccup, recover automatically when the fault is removed.		Protection mode: Constant current limiting. Recover automatically when the fault is removed.			Protection mode: Constant current limiting Shut down O/P in 5s. Recover when restart.	Protection mode: Users can choose between the mode of constant current limiting or constant current limiting then shut down in 5s. Recover when restart.	
Over Voltage Protection	Protection Mode: Shut down O/P. Recover when power restart.							
Over temperature Protection	Protection mode: Shut down O/P. Recover automatically when temperature goes down.							
Safety Standards	UL62368-1,YUV EN62368-1, CCC GB4943.1,EAC TP TC 004,BSMI CNS14336-1					UL62368-1,TUV EN62368-1		
EMC Standards	EN55032(CISPR32)Class B,EN61000-3-2,-3, GB9254 Class B,GB17625.1,EAC TP TC 020, CNS13438;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024,Aclass light industrial standard,EAC TP TC 020					EN55032 (CISPR32), EN61204-3 ClassB,EN61000-3-2,-3,EN6100 0-4-2,3,4,5,6,8,11,EN55024, EN61000-6-2(EN50082-2), En61 204-3,A class light industrial standard	EN55032 (CISPR32), EN61204-3 ClassB,EN61000-3-2,-3;EN6100 EN55032(CISPR32)/EN55011(CIS PR11), EN61000-3-2, En61000- 3-3;EN61000-4-2,3,4,5,6,8,11 EN61000-6-2(EN50082-2), En61 204-3,A class heavy industrial standard	EN55032 (CISPR32), EN61204-3 ClassB,EN61000-3-2,-3;EN6100 0-4-2,3,4,5,6,8,11,EN55024, EN61000-6-2(EN50082-2), En61 204-3,A class heavy industrial standard
Dielectric strength	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC							
Operation temperature	-30~+70℃ (Refer to "Derating Curve")					-35~+70℃ (Refer to "Derating Curve")	-20~+70℃ (Refer to "Derating Curve")	
Dimension (W*H*D)(mm) Remark⊙	F006/ 215*115*30	F007/ 215*115*30	H001/ 230*127*40.5	H002/ 250*127*41	H003/ 295*127*41	H004/ 295*127*41	A010/278*177.8*63.5	
Weight (Kg)	~0.72	~0.9	~1.3	~1.64	~1.95	~1.95	~3.3	~4

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

200W

Model No.	Output	Tol.	R&N	Effi.
MPC200-05	40A 5V	±2%	150mV	85.5%
MPC200-12	16.7A 12V	±1%	150mV	89%
MPC200-24	8.4A 24V	±1%	200mV	89.5%
MPC200-36	5.56A 36V	±1%	220mV	90%
MPC200-48	4.2A 48V	±1%	240mV	90%

320W

Model No.	Output	Tol.	R&N	Effi.
MPC320-05	60A 5V	±2%	150mV	83%
MPC320-12	26.7A 12V	±1%	150mV	88%
MPC320-24	13.4A 24V	±1%	150mV	89%
MPC320-36	8.9A 36V	±1%	220mV	89.5%
MPC320-48	7.3A 48V	±1%	240mV	90%

500W

Model No.	Output	Tol.	R&N	Effi.
MPC500-12	41.7A 12V	±1%	150mV	88%
MPC500-24	21A 24V	±1%	150mV	89%
MPC500-48	10.5A 48V	±1%	150mV	90.5%

750W

Model No.	Output	Tol.	R&N	Effi.
MPC750-12	62.5A 12V	±1%	150mV	87%
MPC750-24	31.3A 24V	±1%	150mV	90.5%
MPC750-48	15.7A 48V	±1%	150mV	92%

1000W

Model No.	Output	Tol.	R&N	Effi.
MPC1000-12	60A 12V	±1%	150mV	83%
MPC1000-24	40A 24V	±1%	150mV	88%
MPC1000-48	21A 48V	±1%	150mV	90%

2000W

Model No.	Output	Tol.	R&N	Effi.
MPC2000-12	100A 12V	±2%	150mV	87%
MPC2000-24	80A 24V	±1%	200mV	90.5%
MPC2000-48	42A 48V	±1%	300mV	92%

2400W

Model No.	Output	Tol.	R&N	Effi.
MPC2400-12	166.7A 12V	±1%	150mV	88%
MPC2400-24	100A 24V	±1%	150mV	90.5%
MPC2400-48	50A 48V	±1%	200mV	91.5%

3000W

Model No.	Output	Tol.	R&N	Effi.
MPC3000-12	200A 12V	±1%	150mV	87.5%
MPC3000-24	125A 24V	±1%	150mV	90%
MPC3000-48	62.5A 48V	±1%	200mV	91.5%

MRS Series Remote Sensing Power Supply

MRS | 350 | - | 24

Series MRS | Output power | Output voltage



350W

Features

- Excellent ripple performance
- Remote detection of output short circuit fault
- Protection: Over-temp. /Over voltage/Overload/Short circuit
- Built-in remote sensing function
- DIN-rail TS 35 installation with accessary
- Withstanding 110-150% instantaneous overload
- Intelligent cooling by built-in fan
- Vibration protection
- 3 -M4 mounting hole installation
- Three-proof lacquer treatment. Suitable for severe environment
- Surge protection
- Terminal with protection cover
- Al-housing for whole series products
- 3 years warranty

Model No	MRS350
Input Voltage	176-264VAC 250-370VDC
Input current	4A/230VAC
Output Voltage Adjustment Range	±10%
Surge current	60A/230VAC
Overload Protection	Protection Mode: Constant current limiting. Recover automatically when the fault is removed.
Over Voltage Protection	Protection Mode: Shut down O/P. Recover when power restart.
Safety Standards	60950-1、GB4943.1
EMC Standards	EN55022(CISPR22)Class B,EN61000-3-2,-3; EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1,A class light industrial standard
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
Operation temperature	-25~+60℃(Refer to □Derating Vurve□)
Dimension (W*H*D)(mm) Remark①	A005/220*115*50
Weight (Kg)	~0.87

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

350W

Model No.	Output	Tol.	R&N	Effi.
MRS350-24	14.6A/24V	±1%	150mV	87%
MRS350-48	7.3A/48V	±1%	240mV	88%

MRC Series Rectangular type power supply with PFC

MRC | 600 | - | 24

Series MRC | Output power | Output voltage



600W

Features

- Superior ripple performance
- Universal full range AC input
- 100% full load burn-in test
- Protections:Short circuit/ Over load/Over voltage
- Active PFC function
- Transient overload capability 105~150%
- Built-in DC/OK output
- Terminals with protective cover
- Surge protection
- 3-year warranty

Model No	MRC600
Input Voltage	100-240VAC或140-340VDC
Input current	8.2A/100VAC 3.6A/230VAC
Output Voltage Adjustment Range	±10%
Surge current	40A/230VAC
Overload Protection	Protection: Constant current output, recover automatically after the fault condition is removed
Over Voltage Protection	Protection: Shut down, restart to recover
Over temperature Protection	关断输出，温度恢复正常后自动恢复
Safety Standards	GB4943.1
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1
Dielectric strength	I/P-O/P:3KVAC I/P-FG:2VAC O/P-FG:0.5KVAC
Operation temperature	-25~+60℃(Please refer to□Derating Curve□)
Dimension (W*H*D)(mm) Remark①	G001/170*120*93
Weight (Kg)	~1.9

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

600W

Model No.	Output	Tol.	R&N	Effi.
MRC600-24	25A/24V	±1%	240mV	86%
MRC600-48	12.5A/48V	±1%	300mV	87%

ELS	-	100W	24V	1	B
Series ELS		Output power	Output voltage	Input voltage/power 1:200-240VAC	Screw terminal connection B:不带防护

Features

- Surge protection
- No load low power consumption
- Ultra compact and 1U low profile(30mm), suitable for small space installation
- AC/DC separate wiring terminal
- All-aluminum housing
- 3 years warranty
- CE



60W



100W/150W

Model No	ELS-060W	ELS-100W	ELS-150W
Input Voltage	176-264VAC 254-370VDC		
Input current	0.8A/230VAC	2A/230VAC	
Output Voltage Adjustment Range	±10%		
Surge current	55A/230VAC		
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Safety Standards	60950-1、GB4943.1		
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1		
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
Operation temperature	-25~+60℃(Please refer to□Derating Curve□)		
Dimension (W*H*D)(mm) Remark①	B001/160*45*32	B002/168*63*31	B003/178*63*31
Weight (Kg)	~0.22	~0.27	

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

60W

Model No.	Output	Tol.	R&N	Effi.
ELS-060W12V1B	5A 12V	±1%	120mV	85%
ELS-060W24V1B	2.5A 24V	±1%	120mV	87%

100W

Model No.	Output	Tol.	R&N	Effi.
ELS-100W12V1B	8.3A 12V	±1%	180mV	83%
ELS-100W24V1B	4.2A 24V	±1%	240mV	85%

150W

Model No.	Output	Tol.	R&N	Effi.
ELS-150W12V1B	12.5A 12V	±1%	180mV	85%
ELS-150W24V1B	6.3A 24V	±1%	240mV	87%

MYD Series Dual Voltage double Isolation Power Supply

MYD	085	-	A	F
Series MYD	Output power		Output voltage A:5V/12V B:5V/24V C:12V/24V	Input voltage/power Non:200-240VAC F:100-240VAC

Features

- Combination of output voltage:5V/12V;5V/24V;12V24V; □12V; □15V
- Flexible,customizable
- Double electrical isolation: Between channels & Channel-Ground
- Protections:Over voltage/Overload/Short circuit
- Surge protection
- Space saving,high integration, improve competitive advantage
- 3 years warranty
- CCC/CE certificate



85W



150W



200W

Model No	MYD085	MYD150	MYD200
Input Voltage	176-264VAC 250-370VDC		85-264VAC 120-370VDC
Input current	1.0A/230VAC		2.9A/115VAC 1.9A/230VAC
Output Voltage Adjustment Range	±10%		
Surge current	44A/230VAC(Cold start)		
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Safety Standards	60950-1、GB4943.1		
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1		
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
Operation temperature	-25~+60℃(Please refer to□Derating Curve□)		
Dimension (W*H*D)(mm) Remark①	A009/168*98*38		A006/215*115*30
Weight (Kg)	~0.7		~0.7

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

85W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MYD085-AF	7A/5V 4.1A/12V	±2%	±1%	80mV	120mV	80%
MYD085-BF	7A/5V 2.1A/24V	±2%	±1%	80mV	120mV	83%
MYD085-CF	2.9A/5V 2.1A/48V	±2%	±1%	120mV	120mV	83%
MYD085-EF	3A/12V 1A/48V	±2%	±1%	120mV	120mV	83%

200W

Model No.	Output	Tol.		R&N		Effi.	
		Ch1	Ch2	Ch1	Ch2	Ch1	Ch2
MYD200-A	12.5A/12V 7A/5V	±2%	±2%	120mV	180mV	85%	75%
MYD200-B	6.25A/24V 7A/5V	±2%	±2%	150mV	180mV	85%	75%
MYD200-C	12.5A/12V 2.1A/24V	±2%	±2%	120mV	120mV	85%	75%
MYD200-H	12.5A/12V 4.2A/12V	±2%	±2%	120mV	120mV	85%	82%
MYD200-I	8A/15V 5.5A/15V	±2%	±2%	120mV	120mV	85%	82%

150W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MYD150-A	10A/12V 6A/5V	±1%	±1%	120mV	80mV	80%
MYD150-B	5A/24V 6A/5V	±1%	±1%	120mV	80mV	83%
MYD150-C	5A/24V 2.5A/12V	±1%	±1%	120mV	120mV	83%

MYD Series Triple Voltage double Isolation Power Supply

MYT | 120 | - | P

- MYT: Series MYT
- 120: Output power
- P: Output voltage
  - P:5V/12V/-5V
  - Q:5V/12V/-12V
  - R:5V/15V/-15V
  - S:5V/24V/12V

Features

- Combination of output voltage:5V/□12V;12V/□5V;5V/12V/24V
- Flexible,customizable
- Double electrical isolation: voltage isolation, land voltage
- Protections:Over voltage/Overload/Short circuit
- Surge protection
- Space saving,high integration,improve competitive advantage
- 3 years warranty



120W



200W/300W

Model No	MYT120	MYT200	MYT300
Input Voltage	88-132VAC/176-264VAC (Switching with built-in switch) or 248-373VDC	180-264VAC 255-370VDC	90-264VAC 127-370VDC
Input current	3A/115VAC 2A/230VAC	2.5A/230VAC/MAX	3A/230VAC/MAX 5A/100VAC/MAX
Output Voltage Adjustment Range	±10%		
Surge current	44A/230VAC(Cold start)	22A/115VAC 44A/230VAC	22A/115VAC 44A/230VAC (Cold start)
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Safety Standards	60950-1、GB4943.1		
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1	EN55022(CISPR22)Class B, EN61000-3-2,-3; EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1, A class light industrial standard	
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
Operation temperature	-25~+70℃ (Please refer to "Derating Curve")	-30~+60℃ (>40℃, please refer to "Derating Curve")	
Dimension (W*H*D)(mm) Remark①	A005/220*115*50	F007/215*115*30	
Weight (Kg)	~0.79	~0.9	~1.5

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

120W

Model No.	Output	Tol.			R&N			Effi.
		Ch1	Ch2	Ch3	Ch1	Ch2	Ch3	
MYT120-P	1.2A/5V 5.5A/12V 1A/-5V	±1%	±1%	±1%	80mV	120mV	80mV	79%
MYT120-Q	1.2A/5V 5A/+12V 1A/-12V	±1%	±1%	±1%	80mV	120mV	120mV	80%
MYT120-R	10A/5V 4.5A/+15V 1A/-15V	±1%	±1%	±1%	80mV	150mV	150mV	81%
MYT120-S	8A/5V 3A/24V 2A/12V	±1%	±1%	±1%	80mV	150mV	120mV	82%

300W

Model No.	Output	Tol.			R&N			Effi.
		Ch1	Ch2	Ch3	Ch1	Ch2	Ch3	
MYT300-P	A/5V A/12V A/-5V	±2%	±2%	±2%	80mV	120mV	80mV	80%
MYT300-Q	A/5V A/+12V A/-12V	±2%	±2%	±2%	80mV	120mV	120mV	80%
MYT300-R	10.5A/5V 4A/+15V 4A/-15V	±2%	±2%	±2%	150mV	150mV	80mV	83%
MYT300-S	A/5V A/24V A/12V	±2%	±2%	±2%	80mV	150mV	120mV	83%

200W

Model No.	Output	Tol.			R&N			Effi.
		Ch1	Ch2	Ch3	Ch1	Ch2	Ch3	
MYT200-P	A/5V A/+12V A/-5V	±2%	±2%	±2%	120mV	120mV	80mV	80%
MYT200-Q	12A/5V 5A/+12V 2A/-12V	±2%	±2%	±2%	120mV	150mV	80mV	80%
MYT200-R	A/5V A/+15V A/15V	±2%	±2%	±2%	150mV	150mV	80mV	80%
MYT200-S	5A/24V 5A/12V 2A/5V	±2%	±2%	±2%	150mV	150mV	80mV	83%

MPD	050	-	A	F
Series MPD	Output power		Output voltage A:05V/12V B:05V/24V C:12V/24V D:5V/48V J:12V/36V	Input voltage/power Full range voltage

Features

- Combination of output voltage: 5V□12V□24V□48V□ □5V□□12V□ □15V
- Superior performance with small ripple
- Output Current 2A Max. in CH2
- Protections:Over voltage/Overload/Short circuit
- Surge protection
- Space saving,high integration, improve competitive advantage
- 3 years warranty



35/50/75W



100W



150W

Model No	MPD035	MPD050	MPD075	MPD100	MPD150
Input Voltage	85-264VAC 120-370VDC			176-264VAC 250-370VDC	
Input current	0.75A/115VAC 0.5A/230VAC		1.5A/115VAC 0.9A/230VAC	2.0A/230VAC	
Output Voltage Adjustment Range	±10%				
Surge current	22A/115VAC 44A/230VAC			44A/230VAC	
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed				
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed				
Safety Standards	60950-1、GB4943.1				
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1				
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
Operation temperature	-25~+60℃(Please refer to derating curve)				
Dimension (W*H*D)(mm) Remark①	A008/118*90*38			A009/168*98*38	
Weight (Kg)	~0.29	~0.35		~0.45	~0.51

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

35W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPD035-AF	2.1A/12V 2A/5V	±2%	±1%	50mV	60mV	78%
MPD035-BF	1.1A/24V 2A/5V	±2%	±1%	50mV	60mV	80%

50W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPD050-AF	3.4A/12V 2A/5V	±2%	±6%	60mV	60mV	78%
MPD050-BF	1.7A/24V 2A/5V	±2%	±6%	80mV	60mV	80%
MPD050-CF	1.6A/24V 1A/12V	±2%	±6%	80mV	60mV	83%
MPD050-DF	0.8A/48V 2A/5V	±2%	±6%	80mV	60mV	84%

75W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPD075-AF	4.2A/12V 2A/5V	±2%	±6%	60mV	60mV	78%
MPD075-BF	2.8A/24V 2A/5V	±2%	±6%	80mV	60mV	80%
MPD075-CF	2.7A/24V 1A/12V	±2%	±6%	80mV	70mV	83%
MPD075-DF	1.4A/48V 2A/5V	±2%	±6%	80mV	60mV	84%

100W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPD100-A1	7.5A/12V 2A/5V	±2%	±6%	100mV	80mV	80%
MPD100-B1	3.8A/24V 2A/5V	±2%	±8%	100mV	80mV	83%
MPD100-C1	3.7A/24V 1A/12V	±2%	±8%	100mV	80mV	83%

150W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPD150-A1	11.7A/12V 2A/5V	±2%	±6%	120mV	80mV	80%
MPD150-B1	5.9A/24V 2A/5V	±2%	±8%	120mV	80mV	83%
MPD150-C1	5.8A/24V 1A/12V	±2%	±6%	140mV	80mV	83%
MPD150-D1	3A/48V 2A/5V	±2%	±6%	140mV	80mV	84%
MPD150-J1	3.8A/36V 2A/5V	±2%	±6%	140mV	80mV	85%

MPA Series Dual Output Power Supply

MPA	050	-	A	F
Series MPA	Output power		Output voltage A:5V/12V B:5V/24V C:12/24V D:5V/48V G:5V/-5V H:-12V/12V I:-15V/15V	Input voltage/power Full range voltage

Features

- Combination of output voltage: 5V□12V□24V□48V□ □5V□□12V□ □15V
- Superior performance with small ripple
- Each channel must have load
- Protections:Over voltage/Overload/Short circuit
- Surge protection
- Space saving,high integration, improve competitive advantage
- 3 years warranty



50/75W



100/130W



200W



300W

Model No	MPA050	MPA075	MPA100	MPA130	MPA200	MPA300
Input Voltage	85-264VAC 120-370VDC		176-264VAC 250-370VDC			
Input current	1.1A/115VAC 0.65A/230VAC	1.5A/115VAC 1A/230VAC	1.2A/230VAC	2.0A/230VAC	2.5A/230VAC	4.0A/230VAC
Output Voltage Adjustment Range	±10%					
Surge current	22A/115VAC 44A/230VAC		44A/230VAC	40A/230VAC	55A/230VAC	44A/230VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed				Protection: Shut down, restart to recover	
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed				Protection: Shut down, restart to recover	
Overtemperature protection	—				Intelligent temperature protection, recover automatically when the temperature back to normal	
Safety Standards	60950-1、GB4943.1					
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1					
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
Operation temperature	-25~+60℃ (Please refer to derating curve)					
Dimension (W*H*D)(mm) Remark①	A008/118*90*38		A009/168*98*38		A005/220*115*50	
Weight (Kg)	~0.35		~0.45	~0.7	~0.85	~0.8

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

50W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA050-AF	5.2A/5V 2.0A/12V	±2%	±6%	60mV	80mV	80%
MPA050-BF	5.2A/5V 1.0A/24V	±2%	±6%	60mV	80mV	83%
MPA050-CF	1.0A/12V 1.6A/24V	±2%	±6%	80mV	80mV	83%
MPA050-DF	5.2A/5V 0.5A/48V	±2%	±6%	60mV	100mV	84%
MPA050-GF	5.0A/-5V 5.0A/+5V	±2%	±6%	60mV	60mV	80%
MPA050-HF	2.1A/-12V 2.1A/+12V	±2%	±6%	60mV	60mV	82%
MPA050-IF	1.7A/-15V 1.7A/+15V	±2%	±6%	60mV	60mV	82%

75W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA075-AF	7.2A/5V 2A/12V	±2%	±6%	60mV	80mV	80%
MPA075-BF	5.4A/5V 2A/24V	±2%	±8%	60mV	80mV	83%
MPA075-CF	2A/12V 2.1A/24V	±2%	±8%	60mV	80mV	83%
MPA075-DF	5.4A/5V 1A/48V	±2%	±10%	60mV	100mV	84%
MPA075-GF	7.5A/-5V 7.5A/+5V	±2%	±2%	60mV	60mV	80%
MPA075-HF	3.1A/-12V 3.1A/+12V	±2%	±6%	60mV	60mV	82%
MPA075-IF	2.5A/-15V 2.5A/+15V	±2%	±6%	60mV	60mV	82%

100W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA100-A1	7A/5V 3.8A/12V	±2%	±6%	60mV	80mV	80%
MPA100-B1	3.5A/5V 3.5A/24V	±2%	±8%	60mV	80mV	83%
MPA100-C1	2.8A/12V 2.8A/24V	±2%	±8%	80mV	80mV	83%

130W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA130-A1	9A/5V 5A/12V	±5%	±7%	80mV	120mV	81%
MPA130-B1	4.6A/5V 4.6A/24V	±5%	±7%	80mV	120mV	85%
MPA130-C1	3.7A/12V 3.7A/24V	±2%	8%, -5%	120mV	200mV	85%
MPA130-G1	10A/+5V 10A/-5V	±5%	±7%	120mV	200mV	81%
MPA130-H1	5.4A/+12V 5.4A/-12V	±5%	±7%	120mV	200mV	85%
MPA130-I1	4.4A/+15V 4.4A/-15V	±2%	±7%	120mV	200mV	85%

200W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA200-A1	10A/5V 8.3A/12V	±2%	±6%	80mV	100mV	80%
MPA200-B1	10A/5V 6.2A/24V	±2%	±6%	80mV	120mV	83%
MPA200-C1	9A/12V 4A/24V	±2%	±6%	120mV	120mV	83%

300W

Model No.	Output	Tol.		R&N		Effi.
		Ch1	Ch2	Ch1	Ch2	
MPA300-A1	26A/5V 10A/12V	±3%	±6%	80mV	100mV	80%
MPA300-B1	12A/5V 10A/24V	±3%	±8%	80mV	120mV	83%
MPA300-C1	8.4A/12V 8.3A/24V	±3%	±8%	100mV	120mV	83%

MPT	-	050W	P	F	S
Series MPT		Output power	Output voltage P:5V/12V/-5V Q:5V/12V/-12V R:5V/15V/-15V S:5V/24V/12V	Input voltage/power F:100-240VAC S:115/230VAC 1:200-240VAC	Screw terminal connection S:Large terminal

Features

- 5V、12V、24V、48V、±5V、±12V、 ±15V等三种组合电压输出
- 纹波性能优越
- 须同时带载，共享总功率
- 具有过载、过压、短路保护
- 全铝外壳
- “三支点”M4大口径安装
- 节约柜体装配空间，集成高，提升竞争价值
- 浪涌保护
- 3年保固



50W



75W/85W



130W

Model No	MPT-050W	MPT-075W	MPT-085W	MPT-130W
Input Voltage	85-264VAC 120-370VDC			176-264VAC or 250-370VDC
Input current	0.75A/115VAC 0.5A/230VAC	1.5A/115VAC 0.9A/230VAC		2A/230VAC
Output Voltage Adjustment Range	±10%			
Surge current	22A/115VAC 44A/230VAC			40A/230VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed			
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed			
Safety Standards	60950-1、GB4943.1			
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1			
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+60℃(Please refer to derating curve)			-25~+70℃(Refer to the derating curve if the temperature >30□)
Dimension (W*H*D)(mm) Remark①	A008/118*90*38	A009/168*98*38		A005/220*115*50
Weight (Kg)	~0.28	~0.45		~0.79

Remark①: Please refer to "Dimension diagram" for installation;
Remark②: Please ask sales for data sheet for detail specification.

50W

Model No.	Output	Tol. Ch1	Tol. Ch2	Tol. Ch3	R&N Ch1	R&N Ch2	R&N Ch3	Effi.
MPT-050WPFS	4A/5V 2.0A/12V 0.5A/-5V	±2%	±6%	±5%	80mV	120mV	120mV	80%
MPT-050WQFS	4A/5V 2.0A/12V 0.5A/-12V	±2%	±6%	±5%	80mV	120mV	120mV	83%
MPT-050WRFS	4A/5V 1.5A/15V 0.5A/-15V	±2%	±8%	±5%	80mV	150mV	150mV	83%
MPT-050WSFS	3A/5V 1.0A/24V 1.0A/12V	±2%	±8%	±6%	80mV	200mV	120mV	83%

85W

Model No.	Output	Tol. Ch1	Tol. Ch2	Tol. Ch3	R&N Ch1	R&N Ch2	R&N Ch3	Effi.
MPT-085WPFS	6A/12V 0.5A/5V 0.5A/-5V	±2%	±3%	±5%	120mV	80mV	120mV	77%
MPT-085WQFS	6A/12V 0.5A/5V 0.5A/-12V	±2%	±3%	±5%	120mV	80mV	120mV	78%
MPT-085WRFS	5A/15V 0.5A/5V 0.5A/-15V	±2%	±3%	±5%	150mV	80mV	150mV	78%

75W

Model No.	Output	Tol. Ch1	Tol. Ch2	Tol. Ch3	R&N Ch1	R&N Ch2	R&N Ch3	Effi.
MPT-075WPFS	6A/5V 3.0A/12V 0.5A/-5V	±2%	±6%	±5%	80mV	120mV	120mV	77%
MPT-075WQFS	5A/5V 2.8A/12V 0.5A/-12V	±2%	±6%	±5%	80mV	120mV	120mV	78%
MPT-075WRFS	6A/5V 2.3A/15V 0.5A/-15V	±2%	±8%	±5%	80mV	150mV	150mV	78%
MPT-075WSFS	5A/5V 1.5A/24V 1.0A/12V	±2%	±8%	±6%	80mV	200mV	120mV	80%

130W

Model No.	Output	Tol. Ch1	Tol. Ch2	Tol. Ch3	R&N Ch1	R&N Ch2	R&N Ch3	Effi.
MPT-130WP1S	12A/5V 5.5A/12V 1A/-5V	±2%	+8%,-3%	+6%,-10%	80mV	120mV	80mV	79%
MPT-130WQ1S	12A/5V 5A/12V 1A/-12V	±2%	+8%,-3%	±6%	80mV	120mV	120mV	80%
MPT-130WR1S	10A/5V 4.5A/15V 1A/-15V	±2%	+8%,-3%	±6%	80mV	150mV	150mV	81%
MPT-130WS1S	8A/5V 3A/24V 2A/12V	±2%	±5%	±6%	80mV	150mV	120mV	82%

MDS Series DC/DC DC Power Supply

MDS - 050W 24V 3 S

- MDS: Series MDS
- 050W: Output power
- 24V: Output voltage
- 3: Input voltage/power (1:9.2-18VDC, 2:19-36VDC, 3:36-72VDC, 4:72-144VDC)
- S: Screw terminal connection (S:Large terminal)


50W


100W


150W


350W

Features

- 2:1 wide input range
- Superior performance with small ripple
- Protections:Over voltage/Overload/Short circuit
- Cooling by free air convection
- All-aluminum housing
- 3 years warranty

Model No	MDS-050W	MDS-100W	MDS-150W	MDS-350W
Input Voltage	1:9.2-18VDC 2:19-36VDC 3:36-7	2:18-36VDC 3:36-72VDC 4:72-144VDC		
Input current	7A/12VDC 3A/24VDC 1.5A/48VDC	4.8A/24VDC 2.4A/48VDC 1.8A/96VDC	8.5A/24VDC 4.2A/48VDC 2.1A/96VDC	17A/24VDC 8.5A/48VDC 5A/96VDC
Output Voltage Adjustment Range	±10%			
Surge current	——			
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed			
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed			
Safety Standards	60950-1、GB4943.1			
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1			
Dielectric strength	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+70℃(Please refer to derating curve)			
Dimension (W*H*D)(mm) Remark①	A003/118*90*38	A004/168*98*38	A005/220*115*50	A006/260*130*63.5
Weight (Kg)	~0.28	~0.4	~0.79	~0.8

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

50W

Model No.	Output	Tol.	R&N	Effi.
MDS-050W05V1S	10A 5V	±2%	80mV	78%
MDS-050W05V2S	10A 5V	±2%	80mV	78%
MDS-050W05V3S	10A 5V	±2%	80mV	78%
MDS-050W12V1S	4.1A 12V	±1%	100mV	78%
MDS-050W12V2S	4.1A 12V	±1%	100mV	78%
MDS-050W12V3S	4.1A 12V	±1%	100mV	78%
MDS-050W24V1S	2.1A 24V	±1%	120mV	83%
MDS-050W24V2S	2.1A 24V	±1%	120mV	83%
MDS-050W24V3S	2.1A 24V	±1%	120mV	83%

100W

Model No.	Output	Tol.	R&N	Effi.
MDS-100W05V2S	20A 5V	±2%	80mV	78%
MDS-100W05V3S	20A 5V	±2%	80mV	78%
MDS-100W05V4S	20A 5V	±2%	80mV	78%
MDS-100W12V2S	8.3A 12V	±1%	100mV	78%
MDS-100W12V3S	8.3A 12V	±1%	100mV	78%
MDS-100W12V4S	8.3A 12V	±1%	100mV	78%
MDS-100W24V2S	4.1A 24V	±1%	120mV	80%
MDS-100W24V3S	4.1A 24V	±1%	120mV	80%
MDS-100W24V4S	4.1A 24V	±1%	120mV	80%

150W

Model No.	Output	Tol.	R&N	Effi.
MDS-150W05V2S	25A 5V	±2%	100mV	75%
MDS-150W05V3S	25A 5V	±2%	100mV	75%
MDS-150W05V4S	25A 5V	±2%	100mV	75%
MDS-150W12V2S	12.5A 12V	±1%	120mV	75%
MDS-150W12V3S	12.5A 12V	±1%	120mV	75%
MDS-150W12V4S	12.5A 12V	±1%	120mV	75%
MDS-150W24V2S	6.3A 24V	±1%	150mV	75%
MDS-150W24V3S	6.3A 24V	±1%	150mV	75%
MDS-150W24V4S	6.3A 24V	±1%	150mV	75%

350W

Model No.	Output	Tol.	R&N	Effi.
MDS-350W05V2S	55A 5V	±2%	80mV	75%
MDS-350W05V3S	55A 5V	±2%	80mV	75%
MDS-350W05V4S	55A 5V	±2%	80mV	75%
MDS-350W12V2S	25A 12V	±1%	120mV	80%
MDS-350W12V3S	25A 12V	±1%	120mV	80%
MDS-350W12V4S	25A 12V	±1%	120mV	80%
MDS-350W24V2S	14.6A 24V	±1%	150mV	83%
MDS-350W24V3S	14.6A 24V	±1%	150mV	83%
MDS-350W24V4S	14.6A 24V	±1%	150mV	83%

MDD | 050 | - | I | 3

- Series: MDD
- 050: Output power
- I: Output voltage
- 3: Input voltage/power



50W

Features

- 100% full load burn-in test
- Protection: Over voltage/Overload/Short circuit
- LED indicator for operation state
- DIN-rail TS 35 installation with accessary
- Vibration protection
- Surge protection
- 3 -M4 mounting hole installation
- Three-proof lacquer treatment. Suitable for severe environment
- Terminal with protection cover
- Al-housing for whole series products
- 3 years warranty

Model No	MDD050
Input Voltage	36-72VDC
Input current	2A=36-72V
Output Voltage Adjustment Range	Refer to data sheet for detail
Surge current	<70A
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed
Safety Standards	60950-1、GB4943.1
EMC Standards	EN55022(CISPR22)Class B,EN61000-3-2,-3
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
Operation temperature	-25~+60℃□□50□ □please refer to "Derating Curve"□
Dimension (W*H*D)(mm) Remark⊙	A003/118*90*38
Weight (Kg)	~0.35

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

50W

Model No.	Output	Tol. Ch1	Tol. Ch2	R&N Ch1	R&N Ch2	Effi.
MDD050-H3	2.1A/12V 2.1A/-12V	±2%	±6%	60mV	60mV	82%
MDD050-I3	1.7A/15V 1.7A/-15V	±2%	±6%	60mV	60mV	82%

MNS Series PCB Power supply

MNS | - | 065W | 24V | F | P

- MNS: Series
- 065W: Output power
- 24V: Output voltage
- F: Input voltage/power (F:100-240VAC S:115/230VAC 1:200-240VAC)
- P: Screw terminal connection (P:Fast Plugin)



12W



24W



65W

Features

- 12-65W
- Universal AC input/Full range
- Superior performance with small ripple
- 100% full load burn-in test
- Protections:Over voltage/Overload/Short circuit
- Cooling by free air convection
- EMC EN55022 class B
- 3 years warranty

Model No	MNS-012W	MNS-024W	MNS-065W
Input Voltage	85-264VAC 120-370VDC		
Input current	0.35A/115VAC 0.25A/230VAC	0.55A/115VAC 0.35A/230VAC	1.5A/115VAC 0.7A/230VAC
Output Voltage Adjustment Range	±10%		
Surge current	22A/115VAC 44A/230VAC		45A/230VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed		
Safety Standards	60950-1、GB4943.1		
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1,A class light industrial standard		
Dielectric strength	I/P-O/P:2KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
Operation temperature	-25~+60℃□Please refer to "Derating Curve"□		
Dimension (W*H*D)(mm) Remark⊙	78*48*21	96*58*25	127*76*42
Weight (Kg)	~0.07	~0.12	~0.2

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

12W

Model No.	Output	Tol.	R&N	Effi.
MNS-012W03VFE	3.2A 3.3V	±2%	25mV	80%
MNS-012W05VFE	2.4A 5V	±2%	25mV	80%
MNS-012W12VFE	1.0A 12V	±1%	30mV	82%
MNS-012W15VFE	0.8A 15V	±1%	35mV	82%
MNS-012W24VFE	0.5A 24V	±1%	40mV	83%

65W

Model No.	Output	Tol.	R&N	Effi.
MNS-065W24VFP	2.71A 24V	±2%	150mV	86%
MNS-065W27VFP	2.41A 27V	±2%	150mV	86%

24W

Model No.	Output	Tol.	R&N	Effi.
MNS-024W03VFE	4.5A 3.3V	±2%	25mV	80%
MNS-024W05VFE	4.0A 5V	±2%	25mV	80%
MNS-024W07VFE	3.2A 7.5V	±1%	25mV	83%
MNS-024W12VFE	2.0A 12V	±1%	25mV	83%
MNS-024W15VFE	1.6A 15V	±1%	35mV	84%
MNS-024W24VFE	1.0A 24V	±1%	35mV	86%
MNS-024W27VFE	0.8A 27V	±1%	40mV	86%
MNS-024W48VFE	0.5A 48V	±1%	40mV	86%

MLC Series AC/DC Slim high protection power supply with built-in PFC

MLC 200 - 24

Series MLC | Output power | Output voltage



200W/350W



500W

Features

- Cooling by free air convection
- Built-in active PFC
- Earthing directly connects to metal housing
- Slim % 31mm height
- Half a glue for application in humidity and dusting environment
- Altitude to 5000m for operation and transportation
- 3 years warranty

Model No	MLC200	MLC350	MLC500
Input Voltage	90-264VAC 127-370VDC		
Input current	2.2A/115VAC 1.1A/230VAC	4A/115VAC 2A/230VAC	4.85A/115VAC 2.6A/230VAC
Output Voltage Adjustment Range	Refer to Data Sheet		
Surge current	Cold start:40A/115VAC 80A/230VAC	Cold start□30A/115VAC 60A/230VAC	
Overload Protection	Protection mode: Hiccup, recover automatically when the fault is removed.		
Over Voltage Protection	Protection mode: Shut down O/P, Recover when restart.		
Overtemperature protection	Protection mode: Shut down O/P. Recover automatically when the temperature goes down.		
Safety Standards	UL62368-1, TUV BS EN/EN62368-1, BS EN/EN60335-1 CCC GB4943, EAC TP TC 004, BSMI CNS14336-1, Design referenceBS EN/EN61558- 1, -2-16	UL62368-1, TUV EN62368-1, EN60335-1, CCCGB4943, BSMI CNS14336-1, EAC TP TC 004, EN61558-2-16	
EMC Standards	BS EN/EN55032, GB9254, Class B, BS EN/EN55014, BS EN/EN 61000-3-2, -3, EAC TP TC 020, BSMI CNS13438; BS EN/EN61000-4-2, 3, 4, 5, 6, 8, 11; BS EN/EN61000-6-2 (BS EN/EN50082-2), A class heavy industrial standard, EAC TP TC 020	EN55032, GB/T9254, Class B, EN61000-3-2, -3, BSMI CNS13438, EAC TP TC 020; EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61000-6-2 (EN50082-2), A class heavy industrial standard, EAC TP TC 020	
Dielectric strength	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC		
Operation temperature	-30~+70℃ (Refer to "Derating Curve")		
Dimension (W*H*D)(mm) Remark①	I001/194*55*26	I002/220*62*31	I003/232*81*31
Weight (Kg)	~0.468	~0.7	~0.905

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

200W

Model No.	Output	Tol.	R&N	Effi.
MLC200-05	40A 5V	±2%	200mV	85.5%
MLC200-12	16.7A 12V	±1%	240mV	89%
MLC200-24	8.4A 24V	±1%	240mV	89.5%
MLC200-48	4.2A 48V	±1%	300mV	90%

350W

Model No.	Output	Tol.	R&N	Effi.
MLC350-05	60A 5V	±2%	200mV	89%
MLC350-12	29.2A/12V	±1%	200mV	91%
MLC350-24	14.6A/24V	±1%	240mV	94%
MLC350-48	7.3A/48V	±1%	240mV	94%

500W

Model No.	Output	Tol.	R&N	Effi.
MLC500-05	41.7A 12V	±1%	150mV	88%
MLC500-12	21A 24V	±1%	150mV	89%
MLC500-24	10.5A 48V	±1%	150mV	90.5%
MLC500-24	10.5A 48V	±1%	150mV	90.5%

EHC Series Rain-proof power supply with PFC

EHC 400 - 24

Series EHC | Output power | Output voltage



400W

Features

- Universal AC input
- Built-in active PFC function
- Withstand 5s 300VAC surge shock
- 100% full load burn-in test
- Protections:Short circuit/Over load/Over voltage/Over temperature
- High efficiency/High reliability
- Cooling by free air convection
- Design against rain splash
- 3 years warranty

Model No	EHC400
Input Voltage	90-264VAC 127-370VDC
Input current	2.5A/230VAC 3A/115VAC
Output Voltage Adjustment Range	±10%
Surge current	45A/115VAC 90A/230VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed
Over Voltage Protection	Protection: Shut down, restart to recover
Overtemperature protection	Shut down, recover automatically when the temperature back to normal
Safety Standards	60950-1、GB4943.1
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
Operation temperature	-25~+60℃(Please refer to derating curve)
Dimension (W*H*D)(mm) Remark①	C002/220*130*48
Weight (Kg)	~1.1

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

400W

Model No.	Output	Tol.	R&N	Effi.
EHC400-12	30A 12V	±1%	200mV	89%
EHC400-24	16.7A 24V	±1%	200mV	90%
EHC400-48	8.3A/48V	±1%	300mV	91%

EHS | 400 | - | 24

Series EHS | Output power | Output voltage

Features

- Universal AC input/Full range
- Withstand 300VAC surge input for 5 second
- Protections:Over voltage/Overload/Over temperature/Short circuit
- Forced air cooling by built in DC fan
- High efficiency and high reliability
- All-aluminum housing,suitable for outdoor equipment
- Dust proof.antiseptic treatment and damp proof
- Design against rain splash, IP34
- 100% full load burn-in test
- 3 years warranty



350W/400W

Model No	EHS350	EHS400
Input Voltage	180-264VAC 254-370VDC	
Input current	4A/230VAC	
Output Voltage Adjustment Range	±10%	
Surge current	90A/230VAC	
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed	
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed	
Overtemperature protection	Shut down, recover automatically when the temperature back to normal	
Safety Standards	60950-1、GB4943.1	
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1	
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
Operation temperature	-25~+60℃(Please refer to derating curve)	
Dimension (W*H*D)(mm) Remark①	C001/235*130*48	
Weight (Kg)	~0.91	

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

350W

Model No.	Output	Tol.	R&N	Effi.
EHS350-12	29.2A 12V	±1%	150mV	87%
EHS350-24	14.6A 24V	±1%	150mV	89%

400W

Model No.	Output	Tol.	R&N	Effi.
EHS400-12	33.3A 12V	±1%	150mV	87%
EHS400-24	16.7A 24V	±1%	150mV	89%

MFC Series C-C/C-V Water-proof Power Supply

MFC | 350 | - | 24

Series MFC | Output power | Output voltage



100W 120W 150W 350W 400W

Features

- C-C+C-V output
- Degree of protection: IP67
- Built-in active PFC
- Good heat dissipation by using thermal conductive silicone
- Protection: Overvoltage/Overload/Short circuit/Over temp.
- Surge suppressor
- All-housing for whole series products
- Vibration resistance
- 5 years warranty

Model No	MFC100	MFC120	MFC150	MFC350	MFC400
Input Voltage	180~264VAC 254~370VDC		176~305VAC 254~370VDC	180~264VAC 254~370VDC	
Input current	1.5A/200VAC			3.5A/200VAC	
Surge current	90A/240VAC			25A/240VAC 25℃Cold start	
Overload Protection	Constant current limiting. Recover automatically when the fault is removed				
Over Voltage Protection	Shut down O/P. Recover when power restarts.			≤30V	
Operating temperature	-40~+70℃ (Please refer to "Derating Curve")				
Safety Standards	IEC/EN61347-1、EN61347-2-13、GB19510 、UL1310				
EMC Standards	IEC 61000-3-2 Class C (@Load≥50%) EN55015 , IEC 61000-4-6 Level 2, IEC61547				
Dielectric strength	I/P-O/P:3.75KVAC I/P-FG:1.75KVAC O/P-FG:0.5KVAC				
Dimension (W*H*D)(mm) Remark①	E002/185*50*31mm		E007/145*60*34mm	E006/245*90*45mm	
Weight (Kg)	~0.55		~0.6	~1.84	

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

100W

Model No.	Output	Tol.	R&N	Effi.
MFC100-12	8.3A/12V	±3%	150mV	82%
MFC100-24	4.1A/24V	±3%	150mV	86%

120W

Model No.	Output	Tol.	R&N	Effi.
MFC120-12	10A/12V	±3%	150mV	82%
MFC120-24	5A/24V	±3%	150mV	86%

150W

Model No.	Output	Tol.	R&N	Effi.
MFC150-12	12.5A/12V	±2%	240mV	86%
MFC150-24	6.25A/24V	±3%	300mV	90%

350W

Model No.	Output	Tol.	R&N	Effi.
MFC350-24	14.6A/24V	±2%	300mV	91%

400W

Model No.	Output	Tol.	R&N	Effi.
MFC400-24	16.5A/24V	±2%	300mV	91%

MFS Series C-V Water-proof Power Supply

MFS | 120 | - | 24 | F

- MFS: Series MFS
- 120: Output power
- 24: Output voltage
- F: Input voltage/power F:100-240VAC C:With PFC

Features

- Universal AC input/Full range
- Built-in active PFC function
- Protections:Over voltage/Overload/ Over temperature/Short circuit
- High efficiency and high reliability
- All-aluminum housing,suitable for outdoor equipment
- IP67
- 100% full load burn-in test
- 3 years warranty



60W 100W 200W 240W 320W 350W 400W 600W

Model No	MFS060	MFS100	MFS200	MFS240	MFS320	MFS350	MFS400	MFS600
Input Voltage	176~264VAC 250~370VDC	180~264VAC 254~370VDC	176~264VAC 250~370VDC				90~264VAC 127~370VDC	176~264VAC 250~370VDC
Input current	1A/230VAC	1.5A/230VAC	2.5A/230VAC	3A/230VAC		3.5A/230VAC		4A/200VAC
Output Voltage Adjustment Range	Please refer to the data sheet for detail							
Surge current	80A/230VAC	90A/230VAC	80A/230VAC		75A/230VAC			60A/240VAC
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed							
Over Voltage Protection	Protection type□Shutdown output, recover when the power restart							
Operation temperature	-40~+70℃ (Please refer to derating curve)							
Safety Standards	60950-1、GB4943.1							
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1							
Dielectric strength	I/P-O/P:3.75KVAC I/P-FG:1.75KVAC O/P-FG:0.5KVAC							
Dimension (W*H*D)(mm) Remark⊙	E001/166*50*31	E002/185*50*31	E003/217*63*40	E004/230*63*40	E005/236*70*40	E006/245*90*45		E007/ 274*138*48.5mm
Weight (Kg)	~0.32	~0.55	~0.98		~1.25	~1.84	~1.89	~2.0

Remark□: Please refer to □Dimension diagram□ for installation;
Remark□: Please ask sales for data sheet for detail specification.

60W

Model No.	Output	Tol.	R&N	Effi.
MFS060-12C	5A 12V	±2%	150mV	84%
MFS060-24C	2.5A 24V	±2%	150mV	86%

100W

Model No.	Output	Tol.	R&N	Effi.
MFS100-12C	8.3A 12V	±3%	150mV	86%
MFS100-24C	4.1A 24V	±3%	150mV	85.5%

200W

Model No.	Output	Tol.	R&N	Effi.
MFS200-12C	16.7A 12V	±2%	150mV	86%
MFS200-24C	8.3A 24V	±2%	150mV	89%

240W

Model No.	Output	Tol.	R&N	Effi.
MFS240-12C	20A 12V	±2%	120mV	91%
MFS240-24C	10A 24V	±2%	150mV	91%

320W

Model No.	Output	Tol.	R&N	Effi.
MFS320-12C	26.7A 12V	±2%	140mV	91%
MFS320-24C	13.3A 24V	±2%	180mV	91%

350W

Model No.	Output	Tol.	R&N	Effi.
MFS350-12C	29.1A 12V	±2%	200mV	90%
MFS350-24C	14.6A 24V	±2%	200mV	91%

400W

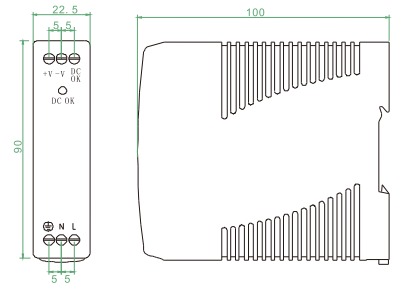
Model No.	Output	Tol.	R&N	Effi.
MFS400-12C	33.3A 12V	±2%	200mV	90%
MFS400-24C	16.7A 24V	±2%	200mV	91%

600W

Model No.	Output	Tol.	R&N	Effi.
MFS600-12C	50A/12V	±2%	300mV	89%
MFS600-24C	25A/24V	±2%	300mV	91%

■D001

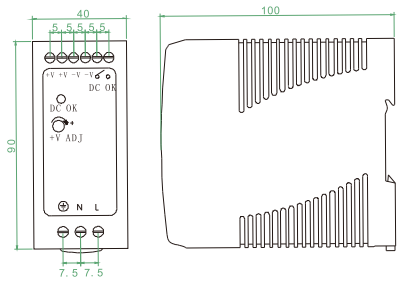




Install DIN rail TS35/7.5 or TS35/15
Tightening Torque Max. :5 kgf-cm (4.4 Lb-in)

■D002

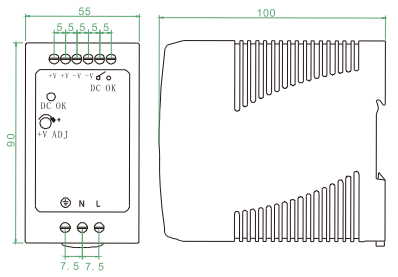




Install DIN rail TS35/7.5 or TS35/15
Tightening Torque Max. :5 kgf-cm (4.4 Lb-in)

■D003

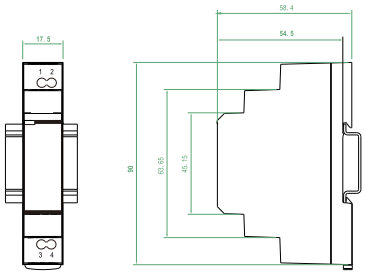




Install DIN rail TS35/7.5 or TS35/15
Tightening Torque Max. :5 kgf-cm (4.4 Lb-in)

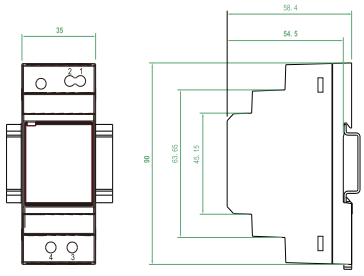
■D012





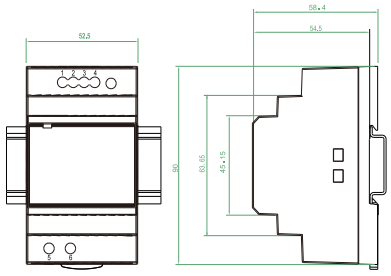
■D013





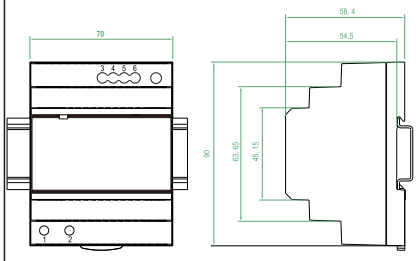
■D014





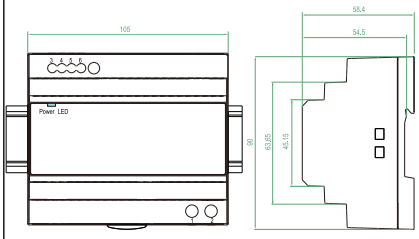
■D015





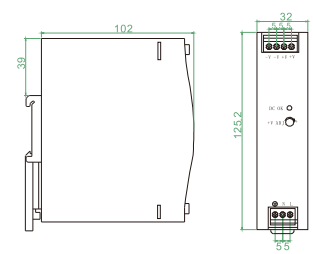
■D016





■D004





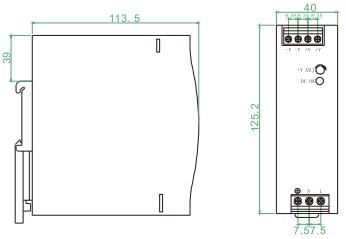
Tightening Torque Max. :6.9 kgf-cm (6 Lb-in)

Product Size Chart

(Unit: mm)

■D005

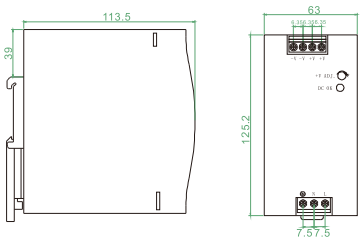




Tightening Torque Max. : 10. 35 kgf-cm (9 Lb-in)

■D006

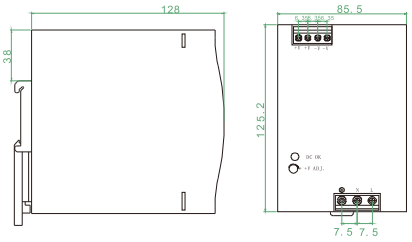




Tightening Torque Max. : 10. 35 kgf-cm (9 Lb-in)

■D007

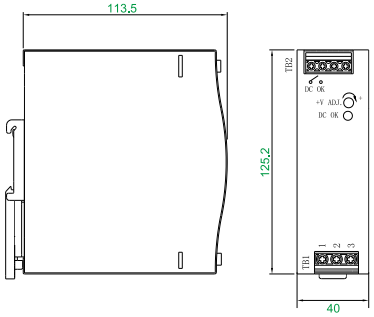




Tightening Torque Max. : 10. 35 kgf-cm (9 Lb-in)

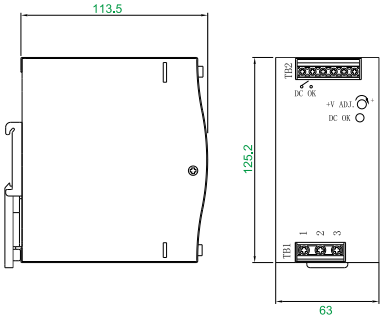
■D005-S





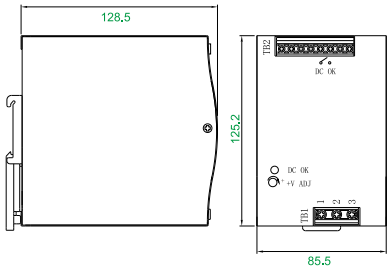
■D006-S





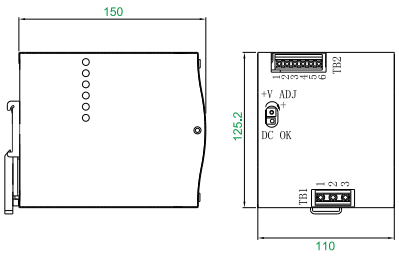
■D007-S





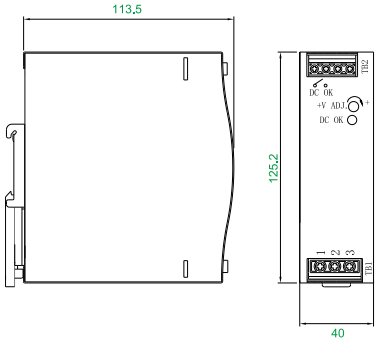
■D008-S





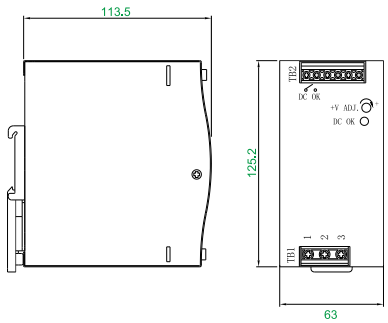
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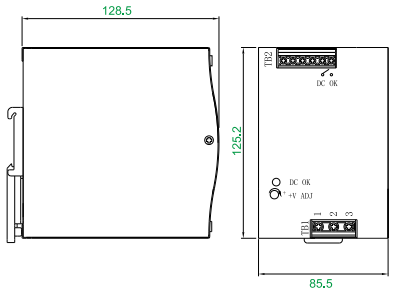


■D006-H

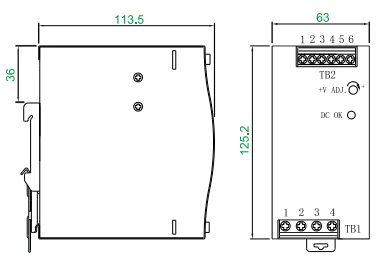




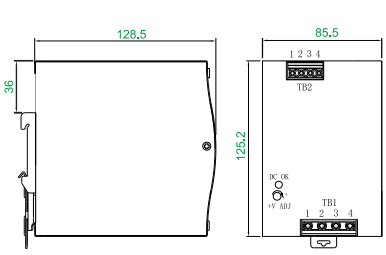
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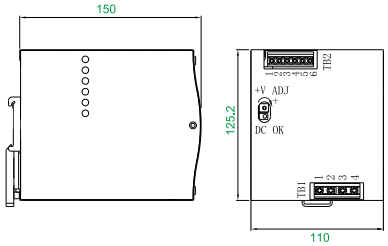
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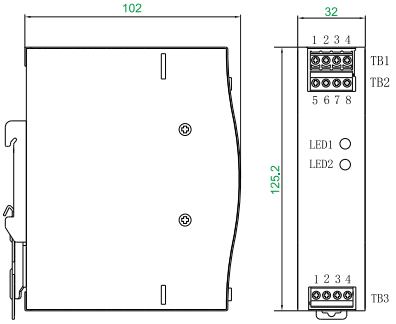
■D007-T



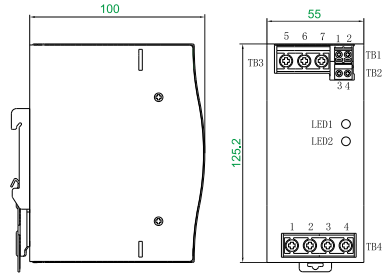
■D008-T



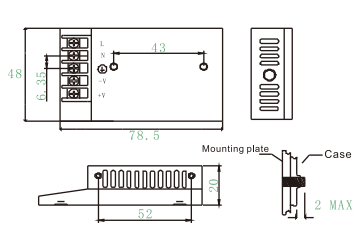
■D010-DN



■D011-DN



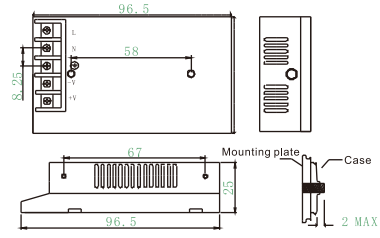
■A001



Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
635# terminals	8mm MAX	22-16AWG	0.4N.m(MAX)

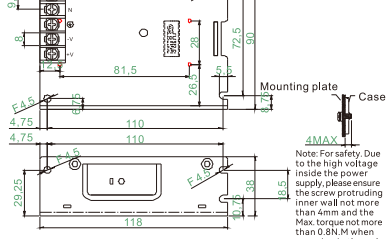
■A002



Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
825# terminals	6mm MAX	22-14AWG	0.8N.m(MAX)

■A003



Description of the terminal installation

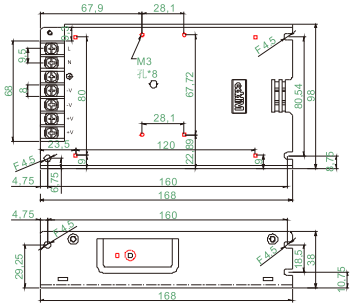
Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

Product Size Chart

(Unit: mm)

A004



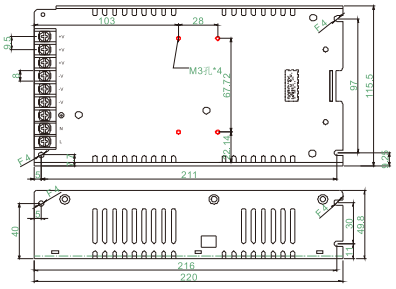


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

A005



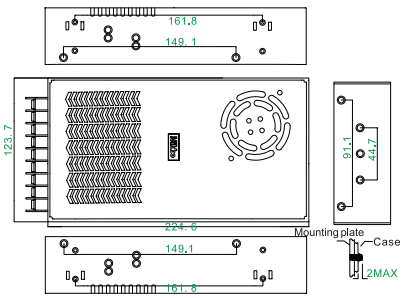


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

A006



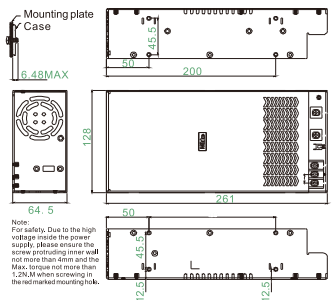


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
65# terminals	11mm MAX	22-12AWG	1.2N.m(MAX)

A007





Description of the terminal installation

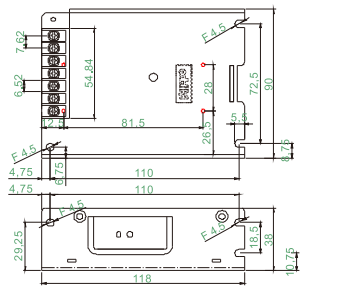
Terminals specification	Width of U-type terminal	Wiring	Max. torque
110# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
Bronze terminals	15mm MAX	22-12AWG	1.2N.m(MAX)

A008



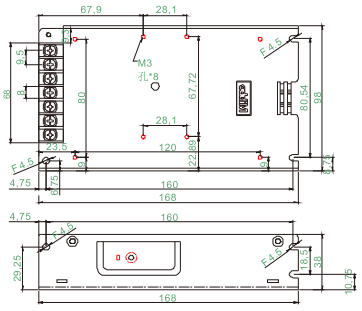


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
762# terminals	6.5mm MAX	22-14AWG	0.8N.m(MAX)

A009



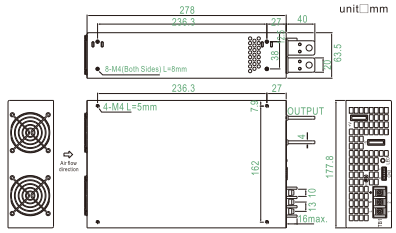


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1. 2N.m(MAX)

A010





Pin No. Assignment

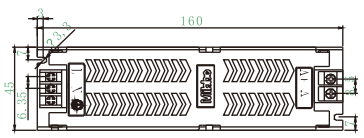
Pin No.	Function
1	AC/L
2	AC/N
3	FG ⏚

Pin No. assignment (Cn3): STB6B-XH or equivalent

Pin No	Function	Pin No	Function
1	DC_OK Signal	4	+S
2	DC_OK GND	5	RC-
3	-S	6	RC+

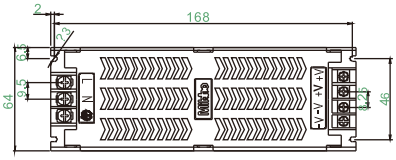
B001





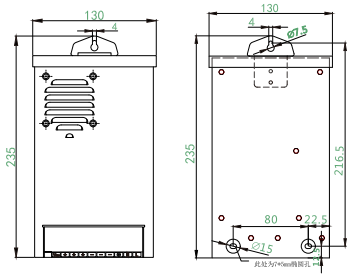
B002





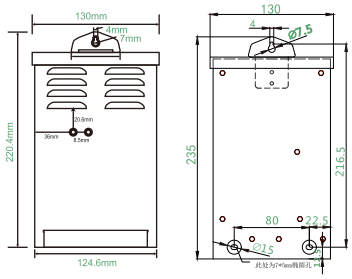
C001





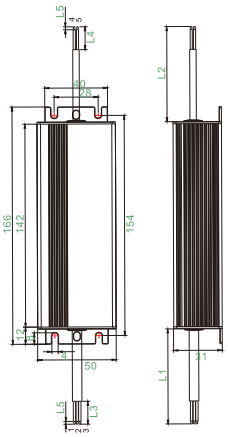
C002





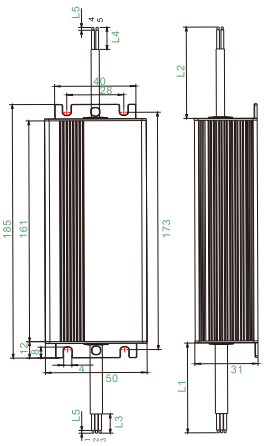
E001





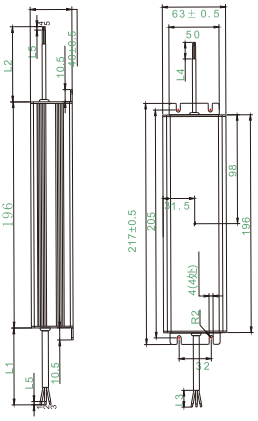
E002





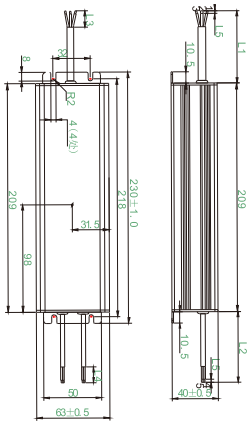
E003





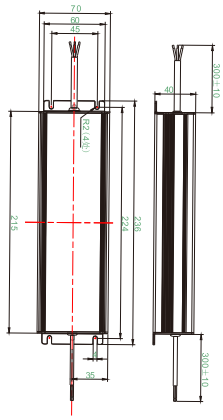
E004





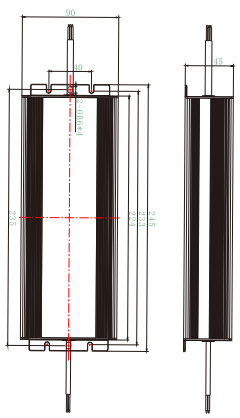
E005





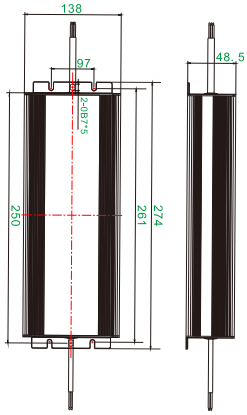
E006





E007



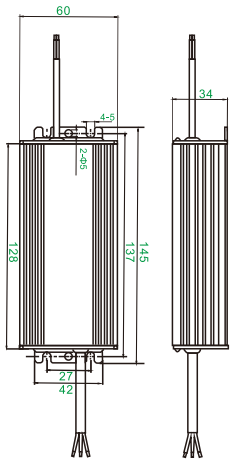


Product Size Chart

(Unit: mm)

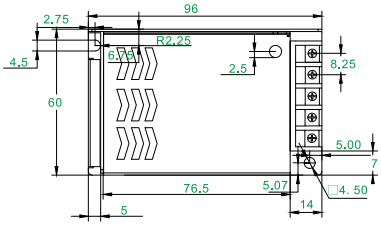
■E008





■F001



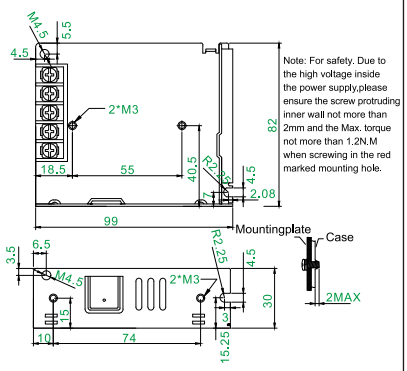


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
825# terminals	6mm MAX	22-14AWG	1.2N.m(MAX)

■F002



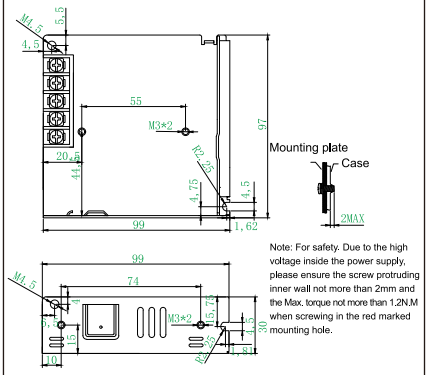


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	6mm MAX	22-14AWG	1.2N.m(MAX)

■F003



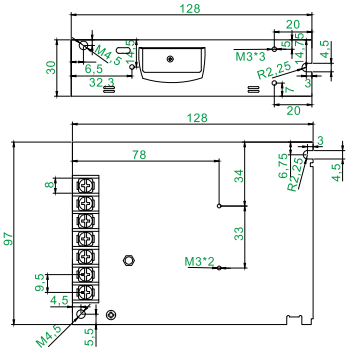


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

■F004



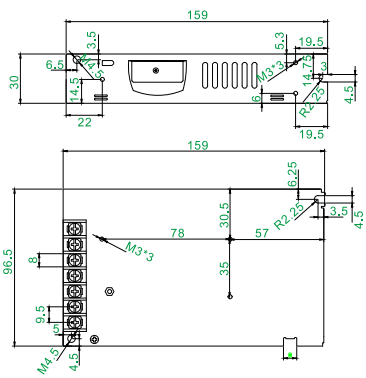


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

■F005



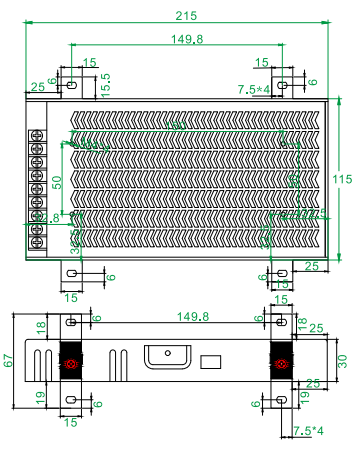


Description of the terminal installation

Terminals specification	Width of U-type terminal	Wiring	Max. torque
95# terminals	8mm MAX	22-12AWG	1.2N.m(MAX)

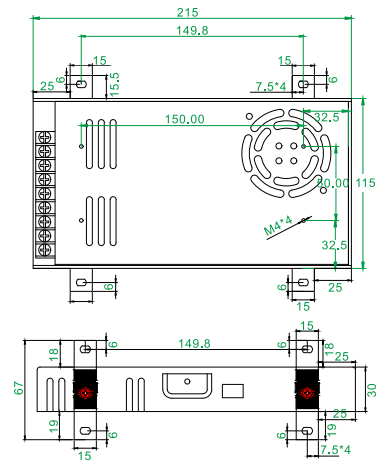
■F006





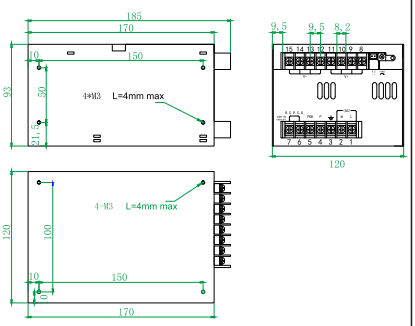
■F007





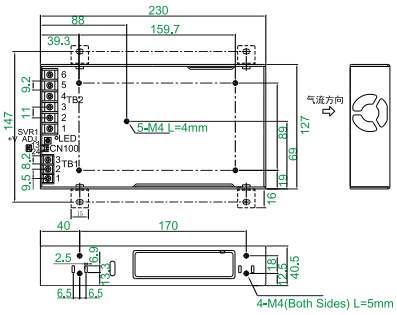
■G001





■H001





控制Pin脚定义(CN100)：
HRS DF11-14DP-2DS或等同型号

引脚编号	引脚功能	对应连接器	端子
1	-S		
2	+S	HRS DF11-4DS 或同等级品	HRS DF11-**SC 或同等级品
3	RC-		
4	RC+		

AC交流输入端子脚位定义(TB1)

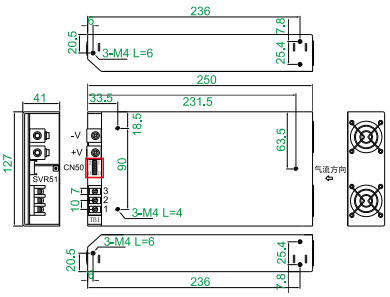
引脚编号	引脚功能
1	AC/L
2	AC/N
3	FG⏚

DC直流输出端子脚位定义(TB2)

引脚编号	引脚功能
1~3	DC OUTPUT -V
4~6	DC OUTPUT +V

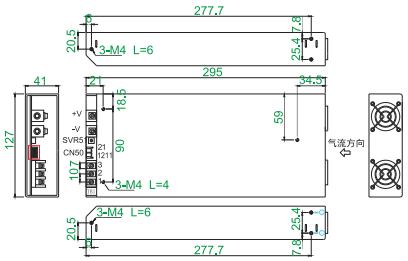
■H002





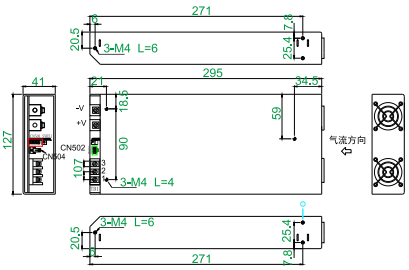
■H003





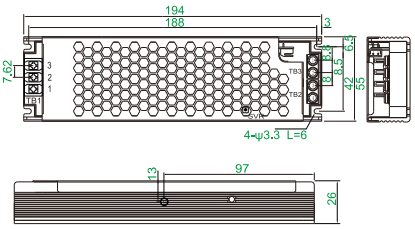
■H004





■I001





交流输入端子(TB1)脚位定义

引脚编号	引脚功能	端子	最大扭力
1	AC/L	(DEGSON)DG28C-B-03P	5Kgf-cm
2	AC/N		
3	⏚		

直流输出端子(TB2,TB3)脚位定义

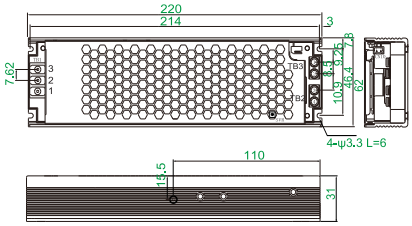
引脚编号	引脚功能	端子	最大扭力
1,2	-V	(MW)TB-HTP-200-40A	8Kgf-cm
3,4	+V		

DC OK连接器(CN10):JST B2B-PH-K-S或同等级品

引脚编号	引脚功能	Mating Housing	端子
1	DC COM	JSTPHR-2 或同等级品	JSTSPH-002T-P0.5S 或同等级品
2	DC OK +V		

■I002





交流输入端子(TB1)脚位定义

引脚编号	引脚功能	端子	最大扭力
1	AC/L	(DEGSON)DG28C-B-03P	5Kgf-cm
2	AC/N		
3	⏚		

直流输出端子(TB2,TB3)脚位定义

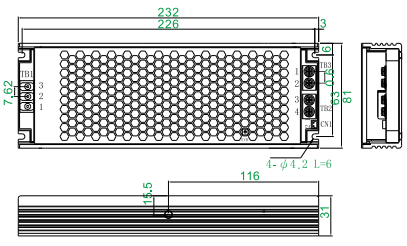
引脚编号	引脚功能	端子	最大扭力
1,2	-V	(MW)TB-HTP-200-40A	8Kgf-cm
3,4	+V		

DC OK连接器(CN10):JST B2B-PH-K-S或同等级品

引脚编号	引脚功能	Mating Housing	端子
1	DC COM	JSTPHR-2 或同等级品	JSTSPH-002T-P0.5S 或同等级品
2	DC OK +V		

■I003





交流输入端子(TB1)脚位定义

引脚编号	引脚功能	端子	最大扭力
1	AC/L	(DEGSON)DG28C-B-03P	5Kgf-cm
2	AC/N		
3	⏚		

直流输出端子(TB2,TB3)脚位定义

引脚编号	引脚功能	端子	最大扭力
1,2	-V	(MW)MEL-400-02P	8Kgf-cm
3,4	+V		

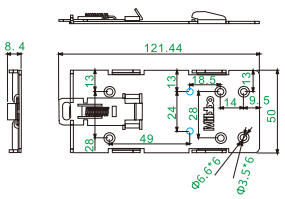
DC OK连接器(CN1):JST B2B-PH-K-S或同等级品

引脚编号	引脚功能	Mating Housing	端子
1	DC COM1	JSTPHR-2 或同等级品	JSTSPH-002T-P0.5S 或同等级品
2	DC COM2		

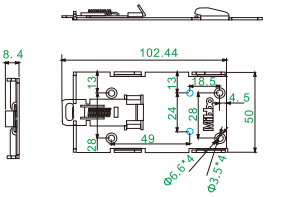
■ MPS-F050B/MPS-F050C



MPS Series 100W以下适用安装配件



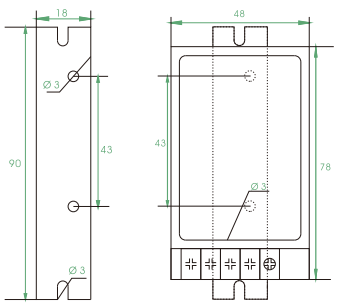
MPS Series 100W及以上适用安装配件



■ MPS-F090B



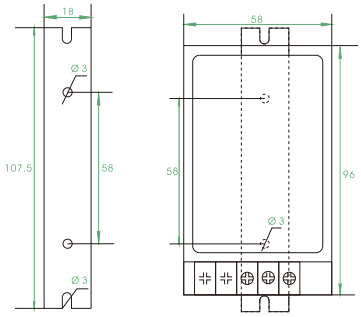
MPS-012W通用安装配件



■MPS-F110B



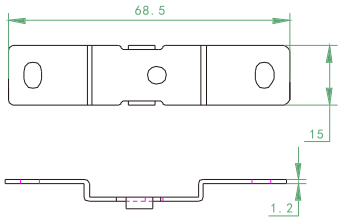
MPS-024W适用安装配件



■MF-TS350H001



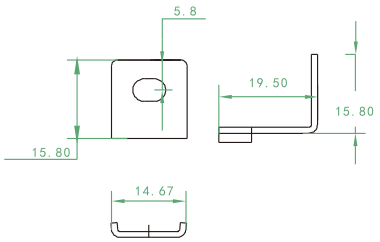
MTS200-□S/MTS350-□S适用安装配件



■MF-TS350L001

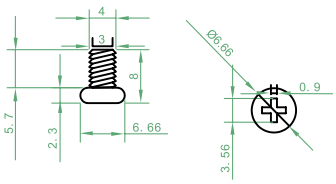


MTS200-□S/MTS350-□S适用安装配件



■MF-TS350A001





Safety Precaution

Attention

Electric shock, fire or product failure may occasionally occur. Please do not disassemble, modify and repair the product or touch the interior of the product.



Do not touch the product while the power is on or just turned off. Otherwise, it may cause scalding.



Do not touch the terminal while power supply is ON, otherwise, it may cause injury due to electric shock; In addition, be sure to cover the terminal after wiring.



Minor electric shock, fire or product failure may occasionally occur. Please do not allow any pieces of metal or conductors or any clipping or cutting resulting from the installation work enter the product.



Safety Precautions

●Ambient operating and storage environment

- Please store in the temperature and humidity range specified in the product specification.
- Please use the product within the humidity range specified in the product specification.
- Do not use this product in locations subject to direct sunlight.
- Do not use this product in locations where liquids, impurities, or corrosive gases may enter the interior of the product.

●Wiring

- The product should be completely grounded. Please use the protective earthing terminal which stipulated the safety standard. Minor electric shock or malfunction may occur if ground is not connected completely.
- Fire may occur. Please make sure that the input and output terminals are wired correctly.
- Please apply the torque as suggested in the installation diagram of each product when tightening the terminal block.

●In case of no Output voltage

- No output voltage may be due to overcurrent protection or overvoltage protection functioning. A internal protection circuit may operate if a large amount of surge voltage such as lightning surge while turning ON the power supply.
- In case of no output voltage, please check the following points before contacting us:
  1.Check current protection status: check whether the load is overload status or is short circuited. Please disconnect the load while checking
  2. Check the overvoltage protection or internal protection: turn OFF the power supply once, and leave it OFF for at least 5 minutes. Turn on the power again to see if the situation is cleared.

●Warranty

- Terms of warranty

  The average ambient temperature below 50°C. Rated load range. standard installation; Damage is not caused by man or force majeure.

●Remarks

The information provided in this product manual is just the general specification. The specification may be changed due to different using method, different using environment or improvement or the products. Mibbo provides the corresponding specification only under the terms specifying in the contract. Any specification is subject to change without prior notice.

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