

MPS-150W□SS Series



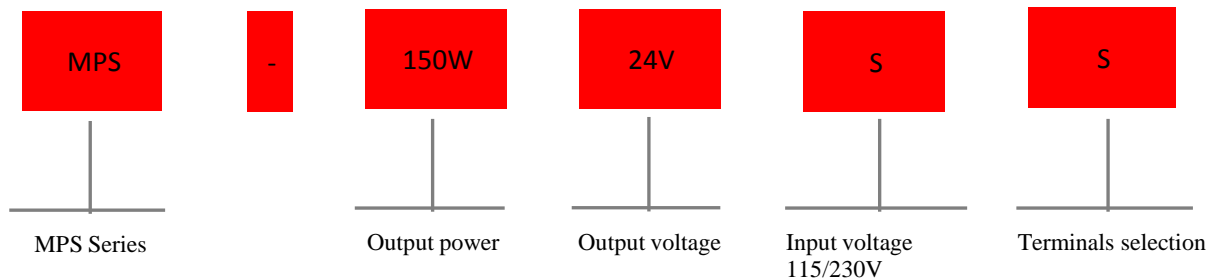
▲ Character

The ripple performance is superior
 115/230V input, by switching
 100% full aging
 Overvoltage、 overload、 short circuit protection
 LED work instruction
 Optional rail mounting rack, TS35 mounting
 Momentary overload capacity at 110%-150%
 High efficient natural heat dissipation
 The seismic protection
 "Three pivots" M4 large caliber installation
 The "Three Preventions" treatment is suitable for the worse working conditions
 Connection terminal with protective cover
 All aluminum shell
 Surge protection
 Warranty 3 years

▲ Apply

Industrial automation control system
 Intelligent control system
 Electronic instruments and devices
 LED control
 Household appliances

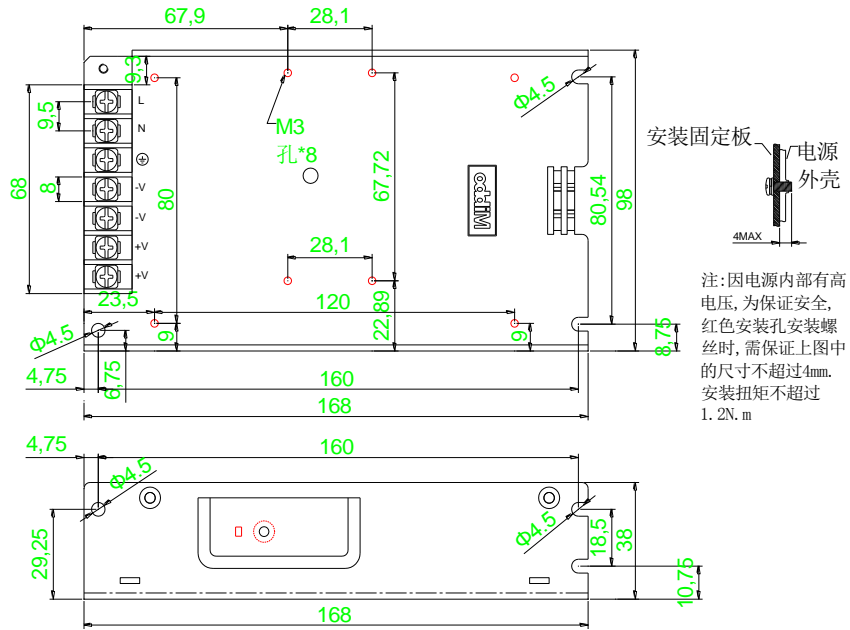
▲ Model code



Electrical specifications

Input parameter						
Input voltage	90-132VAC or 180-264VAC (dial switch switchover) 254-370VDC					
Input current	3.0A/115VAC 2.0A/230VAC					
Input frequency	47-63Hz					
Surge current(max)	22A/115VAC 44A/230VAC					
Output parameter						
Direct rated voltage (V)	5	12	15	24	36	48
Frequency	85%	85%	85%	86%	86%	88%
Output voltage regulation range	±10%					
Rated current(A)	26.0	12.5	10.0	6.3	4.2	3.2
Rated power(W)	130.0	150.0	150.0	151.2	151.2	153.6
Ripple noise(max MVP-P)Note2	80	120	120	120	130	200
Voltage accuracy Note3	±1%					
Line regulation Note4	±0.5%					
Load regulation Note5	±0.5%					
Start up, rise time	800ms 20ms/230VAC 1200ms 30ms/115VAC(full load)					
Storage time	24ms/230VAC 20ms/115VAC(full load)					
Status indicator	Green LED					
Protect function						
Overload	Rated output power of 110%-150%					
	Protected mode:hiccup mode,the load exception can be automatically restored after an exception is removed					
Overvoltage(V)	5.6-6.8	13.8-16.2	18-21	27.6-32.4	41.4-46.8	57.6-67.2
	Protected mode:hiccup mode,the voltage exception can be automatically restored after an exception is removed					
Three proof treatment	It is suitable for high dust and condensation occasions					
Safety and electromagnetic compatibility						
Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
Insulation impedance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70%RH					
Safety specification Note6	GB4943.1					
Electromagnetic compatible emission	EN55022(CISPR22)Class B,EN61000-3-2,-3					
Electromagnetic compatible immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1,A class a light industry standard					
Environmental parameters						
Working temperature	- 25~+60℃ (>50℃Reduced rating, see temperature characteristic curve)					
Storage temperature	- 40~+85℃					
Storage humidity	10-95%RH					
Resistance to shock	10-500Hz,2G 10 minutes/Period X,Y,and Z axis 60 minutes					
The other parameters						
Mean time between failure	≥320K hrs,MIL-HDBK-217F(25℃)					
Installation	The plate screw is fixed ,or optional accessory can TS35 guide rail installation					
Protection class	IP20					
Weight	About 0.49Kg					
Length*width*height	168*98*38mm					
Order data	Parameters to describes	Order type				
	MPS 130.0W 26.0A 05V	MPS-150W05VSS				
	MPS 150.0W 12.5A 12V	MPS-150W12VSS				
	MPS 150.0W 10.0A 15V	MPS-150W15VSS				
	MPS 151.2W 6.3A 24V	MPS-150W24VSS				
	MPS 151.2W 4.2A 36V	MPS-150W36VSS				
	MPS 153.6W 3.2A 48V	MPS-150W48VSS				
Accessory	Parameters to describes	Order type				
Guide card feet	TS35 Install accessories	MPS-F050C				

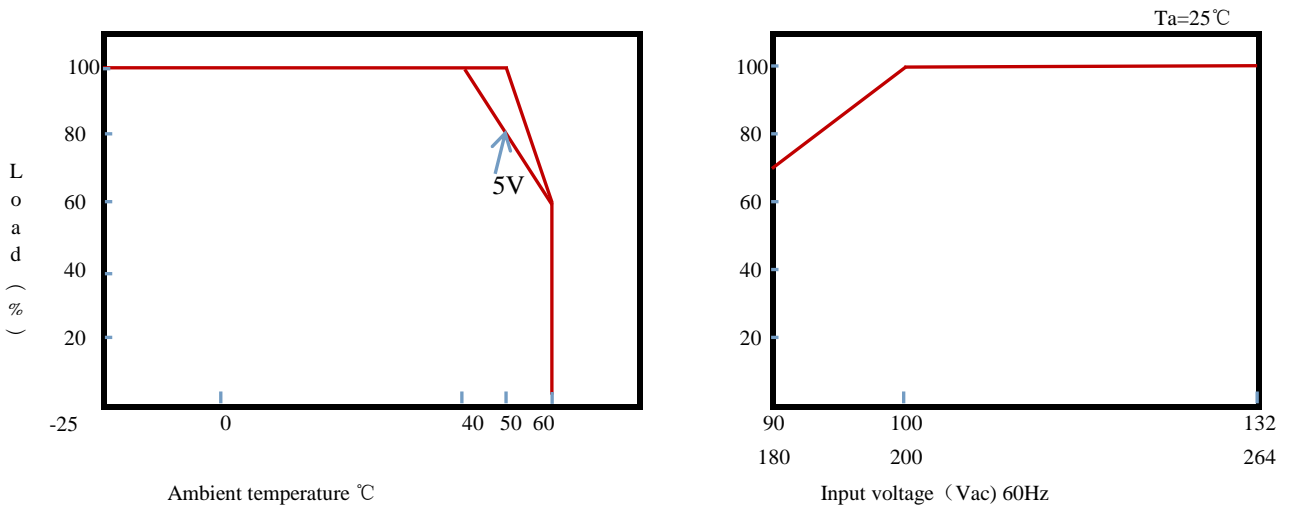
Installation diagram



接线端子安装说明

端子排规格	U形接线端子宽度	线材安装规格	最大扭矩
95端子排	8mm MAX	22-12AWG	1.2N.m(MAX)

Temperature profile



- Note**
- 1: If not specified otherwise, all of the specifications of the parameters in the input is 230VAC, rated load, 25 °C ambient temperature testing.
 - 2: Ripple and noise measurement method: using a pair of twisted pair, the output point needs to be shunt 0.1Uf and 47Uf capacitance, which is measured at 20MHZ bandwidth.
 - 3: Precision: includes setting error, linear adjustment rate and load adjustment rate.
 - 4: Measurement of linear adjustment rate: under rated load, from high voltage to low voltage test.
 - 5: Load adjustment rate measurement method: from 0% to 100% rated load.
 - 6: According to the requirements of GB4943.1, the power supply is only used for safe use in areas below sea level of 2000M and non-tropical climates.