



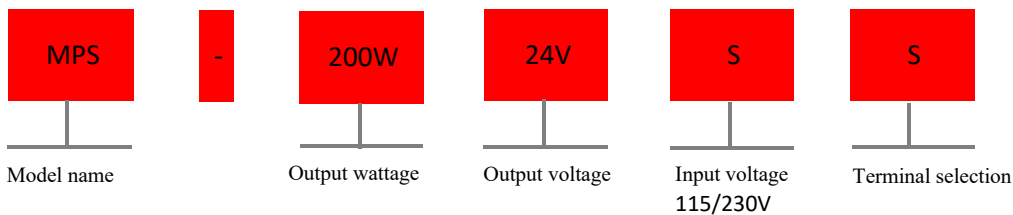
▲ Features

- Superior performance with small ripple
- Input 115/230VAC ,selectable by switch
- 100% full load burn-in test
- Protections:short circuit/overload/over voltage/over temperature
- LED indicator for power on
- Optional rail mounting bracket can be installed on DIN rail TS35
- Instant overload capability is 110%-150%
- Cooling by free air convection
- Seismic protection
- “Three pivot points”M4 large caliber installation
- “Three proof”treatment, suitable for severe environment
- Terminal with protective cover
- All aluminum case
- Surge protection
- 3 years warranty

▲ Applications

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

▲ Model Encoding

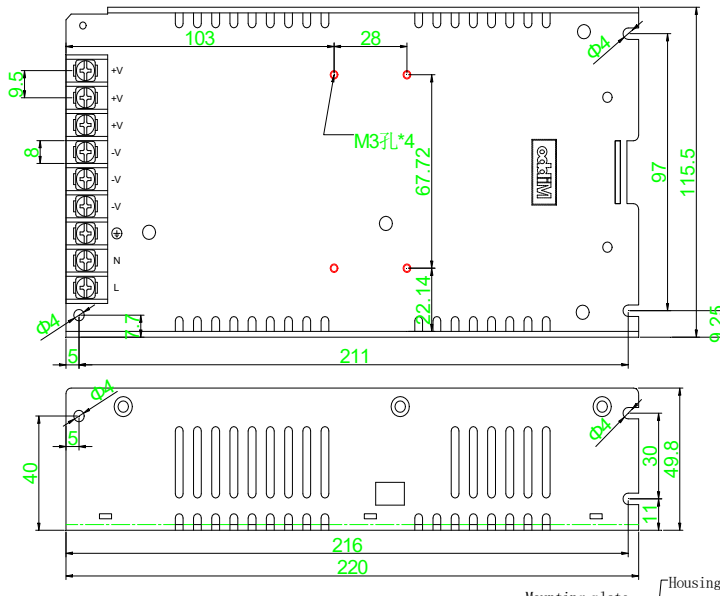


Specification

Input					
Voltage range	90-132VAC or 180-264VAC (Code switch switch) 254-370VDC				
AC current	4.5A/115VAC 2.5A/230VAC				
Frequency range	47-63Hz				
Inrush current (max)	40A/115VAC 55A/230VAC				
Output					
DC voltage (V)	5V	12V	24V	36V	48V
Efficiency	85%	85%	86%	86%	88%
Voltage ADJ.range	±10%				
Rated Current(A)	40A	16.7A	8.4A	5.6A	4.2A
Rated power(W)	200W	200.4W	201.6W	201.6W	201.6W
Ripple & noise(max) <small>Note.2</small>	150mVp-p	150mVp-p	150mVp-p	240mVp-p	240mVp-p
Voltage tolerange <small>Note.3</small>	±2%	±1%	±1%	±1%	±1%
Line regulation <small>Note.4</small>	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation <small>Note.5</small>	±2.5%	±0.5%	±0.5%	±0.5%	±0.5%
Setup, rise time	1000ms 50ms/230VAC 1000ms 50ms/115VAC(at full load)				
Hold up time	20ms/230VAC 16ms/115VAC(at full load)				
Status indicator	Green LED				
Protection					
Overload	110%-150% rated output power				
	Protection type: Constant current limiting, recovers automatically after fault condition is removed				
Over voltage(V)	5.6-6.8V	13.8-16.2V	27.6-32.4V	41.4-46.8V	57.6-67.2V
	Protection type: shut-off mode, re-power on to recover				
Over temperature	Protection type: shut down o/p voltage, recovers automatically after temperature goes down				
Three proof treatment	Suitable for high dust, condensation occasions				
Safety and EMC					
Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70% RH				
Safety standards <small>Note.6</small>	60950-1、GB4943.1				
Safety standards	Compliance to EN55022(CISPR22)Class B,EN61000-3-2,-3				
EMC emission	Parameter	Standard			Test Level
	Conducted	EN 55032			Class A
	Radiated	EN 55032			Class A
	Voltage Flicker	EN 61000-3-3			Design refer to Class A
EMC immunity	Harmonic Current	EN IEC 61000-3-2			Design refer to Class A
	Parameter	Standard			Test Level
	ESD	EN 61000-4-2			Level 3 8KV air;Level 2 4KV contact
	Radiated Susceptibility	EN 61000-4-3			Level 2 3V/m
	EFT/Burest	EN 61000-4-4			Level 3 2KV
	Surge	EN 61000-4-5			Level 3 2KV/Line-Line;Level3 4kV/Line-Line-FG
	Conducted	EN 61000-4-6			Level 2 3V
Magnetic Field	EN 61000-4-8			Level 2 3A/m	
Voltage Dips and interruptions	EN 61000-4-11			< 5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , < 5% residual voltage for 250 cycles:	
Environmental					
Working temperature	- 25~+50°C(Refer to "Derating curve ")				
Storage temperature	- 20~+85°C				
Storage humidity	10-95% RH				
Vibration	Component:10-500Hz,2G 10 min/1cycle 60 min each along X,Y,Z axes				

Others		
Mean time between failure	≥270K hrs,MIL-HDBK-217F(25℃)	
Installation	Plate screws fixed, or optional accessories can be TS35 guide rail installation	
Protection class	IP20	
Weight	About 0.79Kg	
Length*width*height	220*115*50mm	
Data	Details	Model name
	MPS 200.0W 40.0A/05V	MPS-200W05VSS
	MPS 200.4W 16.7A/12V	MPS-200W12VSS
	MPS 201.6W 8.4A/24V	MPS-200W24VSS
	MPS 201.6W 5.6A/36V	MPS-200W36VSS
	MPS 201.6W 4.2A/48V	MPS-200W48VSS
Attachment	Details	Model name
Rail pin	TS35 installation accessories	MPS-F050B

Installation Instruction



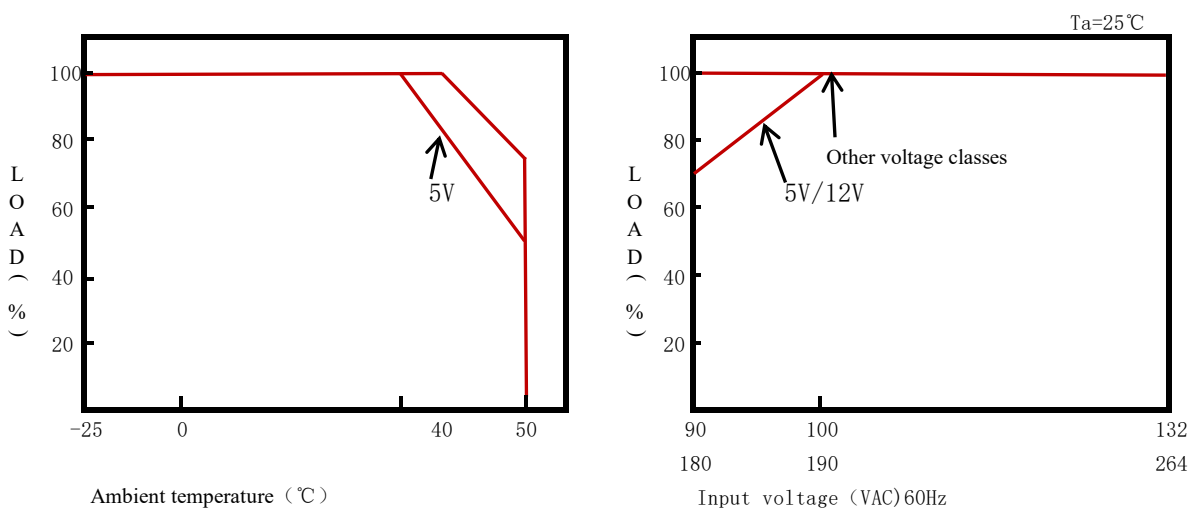
Installation Instructions

Terminal Spec	U Type of the width of the terminal	Wire installation specification	Max. Torque
95 Terminal	8mm MAX	22-12AWG	1.2N.m(MAX)

4MAX

Due to the high voltage inside the power supply, please kindly ensure the safety when installing the screws in the red mounting hole, It is necessary to ensure that the size in the drawing above is not more than 4mm, and the installation torque is not more than 1.2N.m

Derating curve



- Note:**
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
 2. Ripple & noise are measured at 20MHZ of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor."
 3. Tolerance: includes set up tolerance, line regulation and load regulation.
 4. Line regulation is measured from low line to high line at rated load.
 5. Load regulation is measured 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.