



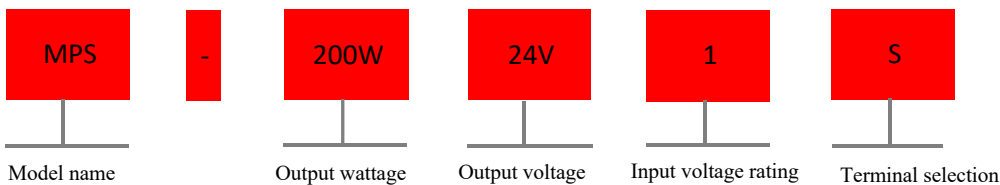
### ▲ Features

- Superior performance with small ripple
- 100% full load burn-in test
- Protections: short circuit/overload/over voltage
- LED indicator for power on
- Optional rail mounting bracket can be installed on DIN rail TS35
- Instant overload capability is 120%-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



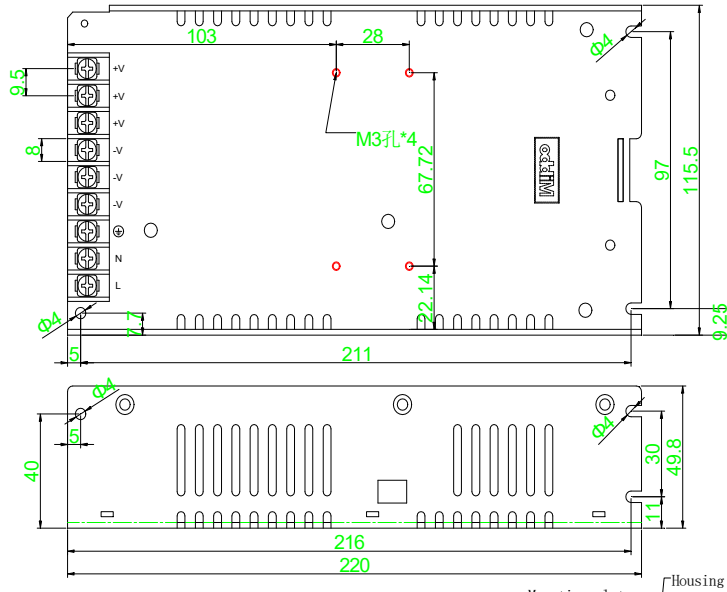


## Specification

Input										
Voltage range	176-264VAC 250-370VDC									
AC current	2.5A/230VAC									
Frequency range	47-63Hz									
Inrush current (max)	55A/230VAC									
Output										
DC voltage (V)	3.3V	5V	7.5V	12V	15V	24V	27V	36V	48V	
Efficiency	78%	78%	78%	85%	85%	86%	88%	88%	88%	
Voltage ADJ.range	±10%									
Rated Current(A)	40A	40A	26.7A	16.7A	13.4A	8.4A	7.5A	5.6A	4.2A	
Rated power(W)	132W	200W	200.2W	200.4W	201W	201.6W	202.5W	201.6W	201.6W	
Ripple & noise(max) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p	240mVp-p	
Voltage tolerance Note.3	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	
Line regulation Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
Load regulation Note.5	±2%	±2%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
Setup, rise time	1000ms 50ms/230VAC(at full load)									
Hold up time	20ms/230VAC(at full load)									
Status indicator	Green LED									
Protection										
Overload	120%-150% rated output power Protection type: Constant current limiting, recovers automatically after fault condition is removed									
Over voltage(V)	3.7-4.2V	5.6-6.8V	8.6-10.1V	13.8-16.2V	18-21V	27.6-32.4V	33.7-39.2V	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℃/70% RH									
Safety standards	Design refer to EN IEC 62368-1、GB4943.1									
EMC emission	<b>Parameter</b>	<b>Standard</b>							<b>Test Level</b>	
	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	
	<b>Parameter</b>	<b>Standard</b>							<b>Test Level</b>	
	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; Level 3 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℃ (Refer to "Derating curve ")									
Storage temperature	- 20~+85℃									
Storage humidity	10-95% RH									
Vibration	Component: 10-500Hz, 2G 10 min/1 cycle 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									

<b>Data</b>	<b>Details</b>	<b>Model name</b>
	MPS 132.0W 40.0A/3.3V	MPS-200W03V1S
	MPS 200.0W 40.0A/05V	MPS-200W05V1S
	MPS 200.2W 26.7A/7.5V	MPS-200W07V1S
	MPS 200.4W 16.7A/12V	MPS-200W12V1S
	MPS 201.0W 13.4A/15V	MPS-200W15V1S
	MPS 201.6W 8.4A/24V	MPS-200W24V1S
	MPS 202.5W 7.5A/27V	MPS-200W27V1S
	MPS 201.6W 5.6A/36V	MPS-200W36V1S
	MPS 201.6W 4.2A/48V	MPS-200W48V1S
<b>Attachment</b>	<b>Details</b>	<b>Model name</b>
<b>Rail pin</b>	TS35 installation accessories	MPS-F050B

## Installation Instruction



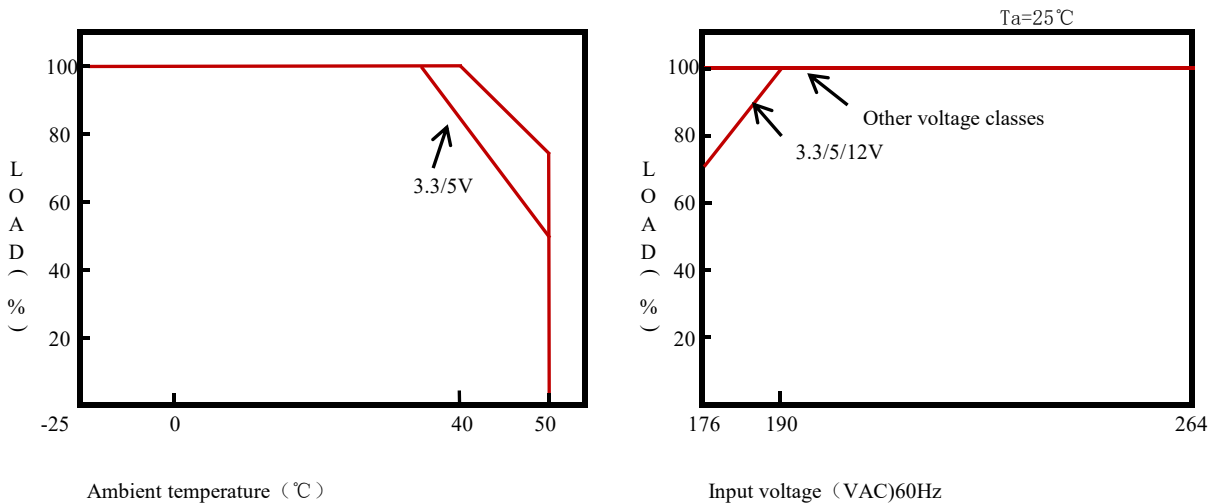
### Installation Instructions

Terminal Spec	U Type of the width of the terminal	Wire installation specification	Max. Torque
95 Terminal	8mm MAX	22-12AWG	12N.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 0.1μf & 47μf 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.