



### ■ Features

- ✚ Low price and high reliability
- ✚ AC input power suitable for the world
- ✚ High efficiency and low operation temperature
- ✚ Soft-start current can reduce the AC input impact effectively
- ✚ With Short-circuit and overload protection
- ✚ 100% full-load burning test
- ✚ Small bulk design
- ✚ Installed with EMI filter, minimum wave.
- ✚ 2 years warranty

### ■ Specification

Model	HS-200-5	HS-200-7.5	HS-200-12	HS-200-13.5	HS-200-15	HS-200-24	HS-200-27	HS-200-48
DC output voltage	3V	7.5V	12V	13.5V	15V	24V	27V	48V
Output voltage error (Note: 2)	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated output current	40A	26.5A	16.5A	14.7A	13A	8.3A	7.4A	4.2A
Output current rage	0-40A	0-26.5A	0-16.5A	0-14.7A	0-13A	0-8.3A	0-7.4A	0-4.2A
Wave and noise(Note : 3)	150mVp-p	150mVp-p	180mVp-p	180mVp-p	180mVp-p	240mVp-p	240mVp-p	240mVp-p
Inlet stability(Note : 4)	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load stability (Note : 5)	±1%	±1%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DC output power	200W	198.75W	198W	198.45W	198W	199.2W	199.8W	201.6W
Efficiency	74%	79%	80%	80%	81%	83%	83%	84%
Adjustable range for DC voltage	4.5-5.6V	6-9V	10-13.2V	12-15V	13.5-18V	20-26.4V	26-32V	41-56V
AC input voltage range	90~132VAC/180-264VAC selected by switch, 47-63Hz; 240-370VDC							
Input current	4.5A/115V 2.5A/230V							
AC Inrush current	25A/115V 50A/230V							
Leakage current	<3.5mA/240VAC							
Overload protection	105%~150% Tpye:pulsing hiccup shutdown Reset: auto recovery							
Temperature coefficient	±0.03%/°C(0~50%)							
Setup rise hold up time	200ms,100ms,20ms							
Vibration	10~500Hz,2G 10min,/1cycle,Period for 60min,each axes							
Withstand voltage	Input and output internal: 1.5KVAC,Input and enclosure: 1.5KVAC,Output and enclosure: 0.5KVAC							
Isolation resistance	Input and output internal: Input and enclosure, Output and enclosure: 500VDC/100MΩ							

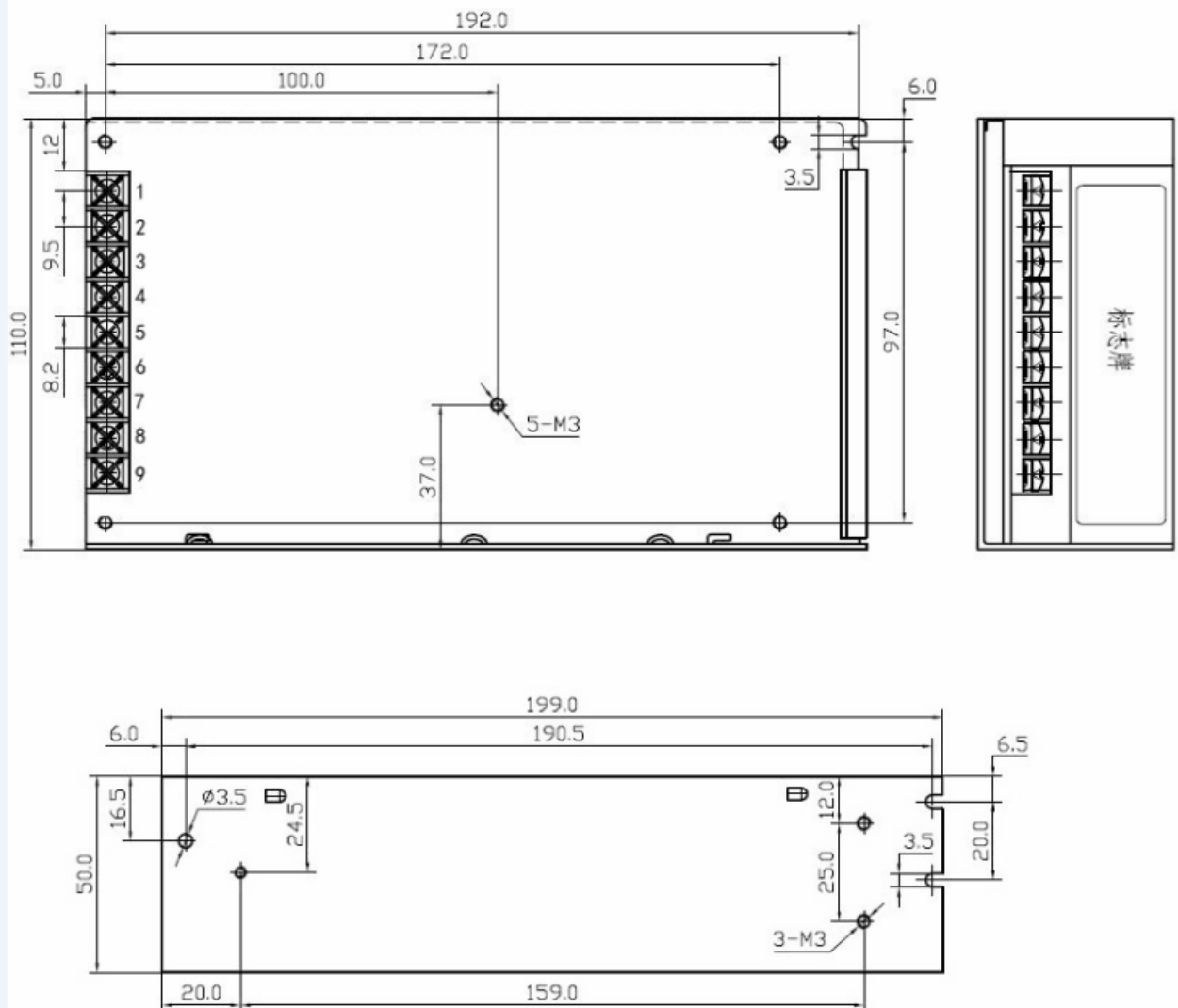
Working temperature and humidity	-10°C~+60°C (Refer to output derating curve) , 20%~90%RH
Store temperature and humidity	-20°C~+85°C,10%~95%RH
Overall dimension	119×110×50mm
Weight	0.85Kgs

Note:


- 1.The testing condition for the parameter above is :230VAC input, rated load,25°C70% RH.Humidity.
2. Error.include the setting error, line stability and load stability. (Note: 5).
- 3.Wave test: adopting "A12"double wire for 20MHz, and 0.1UF&47UF capacitor short-circuit for interrupting.
4. Inlet voltage stability test: when is over load, the lowest voltage of inlet is up to the highest voltage.
5. Load stability test: the load is from 0% to 100%.

### ■ Shape and installation dimension

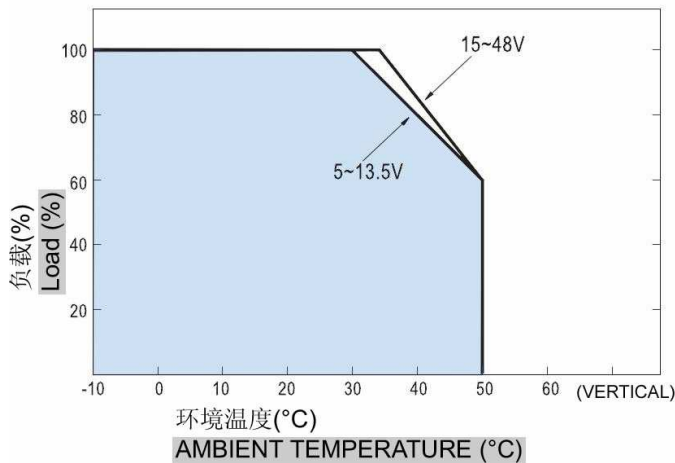
Unit: mm



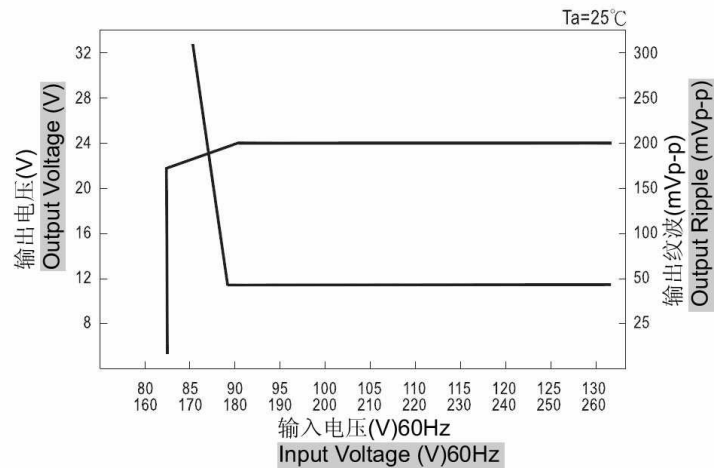
Terminal Pin No Assignment (9 point 9.5mm Pin)

Pin No.	Assignment	Pin No.	Assignment
1	AC INPUT/L	4.5.6	DC OUTPUT -V
2	AC INPUT/N	7.8.9	DC OUTPUT +V
3	FG 		

### ■ Load Derating Curve




### ■ Static Characteristics (24V)



### ■ Notice

1. Be sure to confirm the signification of sign above the pole before connection.

**L:** LINE (AC input)      **N:** Neutral (AC input)       (**FG**): Protective Ground

**-V (COM):** DC output cathode

**+V:** DC output anode

**VADJ:** Output Voltage adjustment

2. Switch power supply can be used 110V and 220V AC power for input, The AC Voltage switch is in the top of the power supply sub-rack. Before plug in please check the voltage position is correct or not otherwise may take a permanent damage in this power supply.
3. Be sure to keep the ground wire connection, avoid electric shock and common mode interference or differential mode interference.

Shenzhen mulview technology limited is professional manufacturer developing Switching Power Supply, CCTV power supply and AC/DC Adapter. We can make OED/OEM.

**Multiple view, more attention!**

**Mulview Technology Limited**

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