

• PICTURE & FEATURES:



Cooling: Natural convection heat dissipation Overcurrent, and Short circuit protection L*W*H: 192.2±1mm*82±1mm*30±1mm

- a. Using self-developed patented circuit design, high efficiency, low heat generation
- b. -40 °C ~+70 °C wide working temperature
- c. According to US standard: UL60950
- d. Using top brand components, better quality
- e. 100% full-load aging at high temperature , low failure rate and high reliability

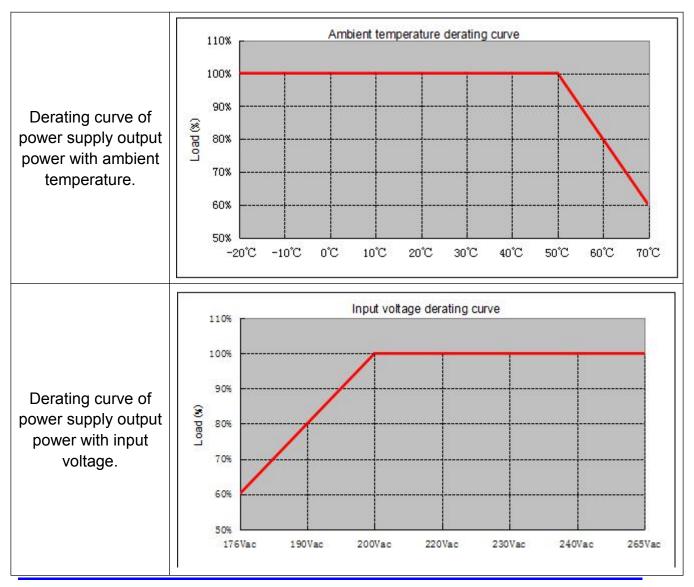
MODEL		LH-200- 4.2V (S08)	LH-200- 4.5V (S08)	LH-200- 5V (S08)	LH-200- 4.2VS	LH-200- 4.5VS	LH-200- 5VS	
OUTPUT	DC Output	4.2V	4.5V	5V	4.2V	4.5V	5V	
	Rated Current	40A						
	Current Range	0~40A						
	Ripple and Noise ^②	<200mV						
	Voltage ADJ. Range	-						
	Voltage Accuracy $\textcircled{1}$	±3%						
	Line Regulation ①	±0.5%						
	Load Regulation ①	±2.0%						
	Set-up Time③	≤3S						
	Temperature Coefficient①	±0.03%/℃						
	Overshoot	≤5.0%						
INPUT	Voltage Range	176Vac~264Vac						
	Frequency Range	47Hz~63Hz						
	Efficiency (Typical)	86%						
	AC Current (max.)	3A						
	Inrush Current (Typical)	<50A						
	Leakage Current	Input—output:<0.25mA Input—FG:<1.5 mA Output—FG:<0.25mA (@230Vac)						
PROTECTION	Over Voltage	-						
	Over Current	48A~76A, hiccup mode, auto						
	Shorted Circuit Long-term mode, auto recover				very			
ENVIRONMENT	Operating amb. Temp. & Hum.	-20℃-70℃; 20%RH-90%RH (please refer to derating curve) -40℃-70℃; 20%RH-90%RH (please refer to derating curve)						
	Storage Temp. & Hum.	-40℃~85℃; 10%~95%RH						

• SPECIFICATIONS:



SAFETY &EMC	Safety Standards	GB4943/UL60950/EN60950					
	Dielectric strength	@3000Vac 1minute ≤10mA; @1500Vac 1minute ≤10mA ;					
		@500Vdc 1minute ≤10mA					
	Insulation resistance	DC500V/100MΩ min.					
OTHERS	MTBF	100,000Hrs at 25 °C, MIL-217 Method 2					
	(MIL-HDBK-217F)						
	Dimension (L*W*H)	192.5±1mm*82±1mm*30±1mm					
	1 10% of full load.						
NOTE	2 1) Ripple & Noise test: Ripple & Noise bandwidth is set to 20MHz.						
	2) Use a 0.1uF ceramic capacitor in parallel with a 10uF electrolytic capacitor at probe						
	terminals for ripple& noise measurements.						
	③ The Power set-up time measured is when AC power on to 90% of specified output						
	voltage observed on the channel waveform.						
	④ All parameters are measured at 230Vac, 25°C. Unless otherwise noted						
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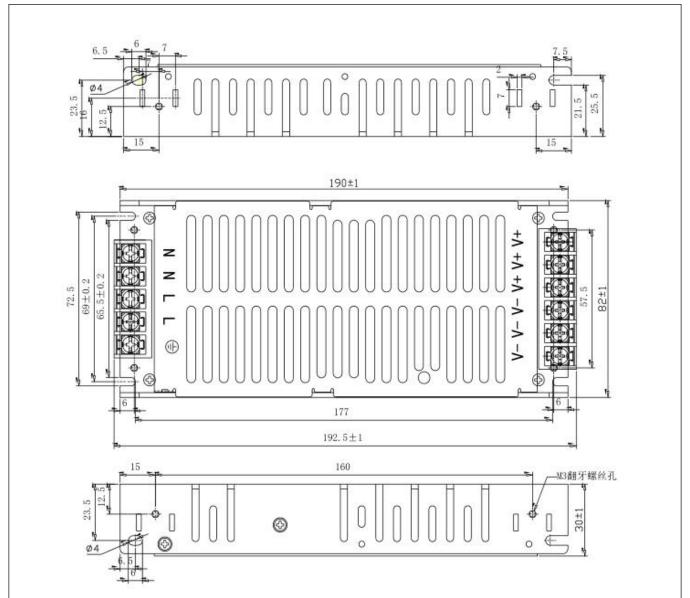
• Derating curve:



www.hangtepower.com



• Mechanical drawing:



Notice: !!! For the threaded mounting holes at the bottom of the power supply, screws of appropriate length should be used; otherwise, the internal components of the power supply will be short-circuited and damaged because the screws penetrate too much!

▲ Requirement: The length of screw into the power supply case should be less than 4mm!