

● **PICTURE & FEATURES:**



- 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

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

● **SPECIFICATIONS:**

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 ^①	±3%					
	Line Regulation ^①	±0.5%					
	Load Regulation ^①	±2.0%					
	Set-up Time ^③	≤3S					
	Temperature Coefficient ^①	±0.03%/°C					
INPUT	Overshoot	≤5.0%					
	Voltage Range	176Vac~264Vac					
	Frequency Range	47Hz~63Hz					
	Efficiency (Typical)	86%					
	AC Current (max.)	3A					
	Inrush Current (Typical)	<50A					
PROTECTION	Leakage Current	Input—output:<0.25mA Input—FG:<1.5 mA Output—FG:<0.25mA (@230Vac)					
	Over Voltage	-					
	Over Current	48A~76A, hiccup mode, auto					
ENVIRONMENT	Shorted Circuit	Long-term mode, auto recovery					
	Operating amb. Temp. & Hum.	-20°C-70°C; 20%RH-90%RH (please refer to derating curve)			-40°C-70°C; 20%RH-90%RH (please refer to derating curve)		
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH					

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 (MIL-HDBK-217F)	100,000Hrs at 25°C, MIL-217 Method 2
	Dimension (L*W*H)	192.5±1mm*82±1mm*30±1mm
NOTE	① 10% of full load. 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	

● Derating curve:



