

**800W Single Output with Parallel Function (HGCN-800)**



**HGCN-800...**

**Feature**

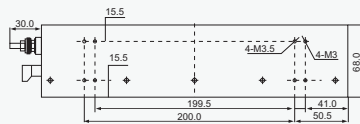
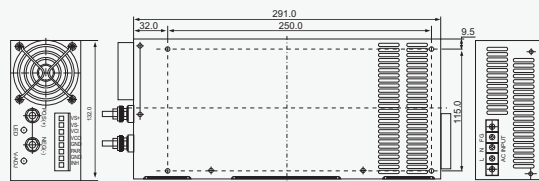
- High reliability, low ripple
- AC input range selected by switch
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Built-in remote ON-OFF control and remote sense function
- With parallel function
- Can adjust from 20%~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- 2 years warranty
- Dimensions: 291\*132\*68mm (L\*W\*H)

**Notes:**

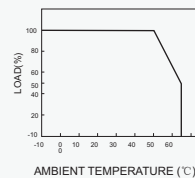
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.
- Each output can within current range. But total output power can't exceed rated load
- The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Model		HGCN-800-12	HGCN-800-15	HGCN-800-24	HGCN-800-48
Output	DC Voltage	12V	15V	24V	48V
	Voltage Tolerance	±1%	±1%	±1%	±1%
	Rated Current	66A	54A	33A	16.6A
	Current Range	0-66A	0-54A	0-33A	16.6A
	Rated Power	800W	800W	800W	800W
	Ripple & Noise	150mVp-p	150mVp-p	240mVp-p	480mVp-p
	DC Voltage adi.Range	Can adjust from 20%~100% output voltage by external control 1-5V			
Setup,Rise,Hold Time	800ms, 50ms, 16ms at full load				
Input	Voltage Range	90~130VAC/180~260 VAC 47-63Hz; selected by switch 260-370VDC			
	AC Current	11A/115 V 7.0A/ 230 V			
	Efficiency	80%	81%	85%	87%
	Inrush Current	60A/230V			
	Leakage Current	3.5 mA/240VAC			
Protection	Over Load	110%~135%			
		Protection type: Current limiting, delay shut down o/p voltage, re-power on to recover			
Environment	Working Temp & Humidity	-10°C~+65°C, 20%~90 %RH			
	Storage Temp & Humidity	-20°C~+85°C, 10%~95 %RH			
	Vibration	10~200Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes			
Safety	Withstand Voltage	I/P-O/P, I/P-FG:1500VAC			
	Isolation Resistance	I/P-O/P, I/P-FG, 100M Ohms / 500VDC			
Standards	Safety Standard	Design refer to UL1950,CSA22.2,IEC60950			
	EMC Standard	Design refer to FCC Part 15 Class A			
Others	Weight	2.3Kg			
	Packing	8pcs/24.0kg/CARTON			

**Outline and dimension**



■ Derating curve



■ External DC control VS output voltage

