

75W Single Output Industrial DIN Rail Power Supply (HDR-75)



GHDR-75...

Feature

- Universal AC input/ full range
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS_3.5/7.5 or 15
- LED indicator for power on
- 100% full load burn-in test
- Fixed switching frequency at 50KHz
- 3 years warranty
- Dimensions: 55.5*125.2*100mm (W*H*D)

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	GHDR-75-12	GHDR-75-24	GHDR-75-48	
Output	DC Voltage	12V	24V	48V
	Voltage Tolerance	±2%	±1%	±1%
	Rated Current	6.3A	3.2A	1.6A
	Current Range	0-6.3A	0-3.2A	0-1.6A
	Rated Power	76W	76.8W	76.8W
	Ripple & Noise	100mVp-p	150mVp-p	240mVp-p
	DC Voltage Adj.Range	17%	17%	10%
	Setup,Rise,Hold Time	1000ms,60ms/230VAC at full load 1800ms,60ms/115VAC at full load		
	Hold time	60ms/230VAC 12ms/115VAC at full load		
	Input	Voltage Range	85-264 VAC selected by switch 47-63 Hz; 120-370VDC	
AC Current		1.6 A/115 V 0.96A/ 230 V		
Efficiency		76%	80%	81%
Inrush Current		Cold start 20A/115V 40A/230V		
Protection	Over Load	105%-150% Protection type: Constant current limiting, recovers automatically after fault condition is removed		
	Over Voltage	120%-140% Protection type: Hiccup mode, recovers automatically after fault condition is removed		
	Over Temperature	TSW1≥85°C±5, Protection type: Shut down o/p voltage, recovers automatically after temperature goes down		
Environment	Working Temp & Humidity	-10°C~+60°C, 20%~90 %RH		
	Storage Temp & Humidity	-20°C~+85°C, 10%~95 %RH		
	Vibration	10-500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes		
Safety	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		
Standards	Safety Standard	Design refer to UL508,TUV EN60950-1		
	EMC Standard	EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2		
Others	Weight	0.6Kg		
	Packing	20pcs/13Kg/1.1CUFT		

Outline and dimension

