



ENGLISH

Datasheet

240W Enclosed Power Supply Range



Features:

- High efficiency, long life and high reliability
- 3 Year Warranty
- Universal Input
- Wide Operating Ambient Temperature Range
- Operating Altitude of up to 5000m on many of the range
- UL & CE Approved

The 240W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 4 models with outputs of either 5v, 12v, 24v or 48v. Each model is approved to CE,CB, UL and come with a three year warranty.





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RS Stock Code		1618224	1618225	1618226	1618227
Output	DC Voltage	5V	12V	24V	48V
	Rated Current	48A	20A	10A	5A
	Current Range	0~25A	0~13A	0~6.7A	
	Ripple & Noise	<150mVp-p	<150mVp-p	<200mVp-p	<200mVp-p
	Voltage Adjustment Range	5%~10% of Rated Output Voltage			
	Voltage Accuracy	+/- 1.0%			
	Line Regulation	+/- 0.5%			
	Load Regulation	+/- 1.0%			
	Overshoot & Undershoot	<5.0%			
	Rise Time	<2 Seconds - 230Vac at 100% Load			
	Hold Up Time	>10mS - 230Vac at 100% Load			

Input	Full Input Voltage Range	85~264Vac	
	Full Frequency Range	47-63Hz	
	AC Current	< 4.5A	
	In Rush Current	<50A@230Vac	<30A@115Vac
	Leakage Current	Input-Output:<0.25mA	Input-PG:<1.0mA

Protection	Over Load	120~170% rated output current
	Short Circuit	Long Term Mode, auto-recovery
Environment	Working Temp	-25°C ~ +70°C (230Vac) (Refer to output derating curve)
	Working Humidity	20~90%RH non-condensing
	Storage Temp	-40°C ~ +85°C
	Storage Humidity	10 ~ 95%RH non-condensing
	Vibration Resistance	10 ~ 500Hz, 2G, 10 minute cycle, X, Y,Z 60 minute in each direction
Safety	Safety Standards	UL60950-1, EN60950-1: 2006 IEC 60950-1:2005
	Withstand Voltage	I/P-O/P: 3KVac I/P-FG: 1.5KVac O/P-FG: 0.5KVac
	Isolation Resistance	> 100M Ohms
	EMC Emmission	Compliance to EN55022 Class B
	EMC Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11
Others	Lifetime	200,000 Hours (25 °C)
	Size	199mm x 99mm x 50mm
	Package	12pcs/ctn, 11.6KG
Notes	1)All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25°C of ambient temperature. 2)Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor. 3)The power supply is considered a component which must be installed into final equipment. The final equipment must be re-confirmed that it meets all applicable directives.	

