

Datasheet

# 125W Open Frame 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 125W open frame 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 6 models with outputs of either 5v, 12v, 15v, 24v, 36v or 48v. Each model is approved to CE,CB, UL and come with a three year warranty.





# ENGLISH

RS Stock Code		1618256	1618257	1618259	1618260	1618261	1618262
Output	DC Voltage	5V	12V	15V	24V	36V	48V
	Rated Current	20A	10.5A	8.4A	5.2A	3.5A	2.6A
	Current Range	0~20A	0~10.5A	0~8.4A	0~5.2A	0~3.5A	0~2.6A
	Ripple & Noise	<100mVp-p	<100mVp-p	<100mVp-p	<100mVp-p	<120mVp-p	<150mVp-p
	Voltage Adjustment Range	5%~10% of Rated Output Voltage					
	Voltage Accuracy	+/- 3.0%					
	Line Regulation	+/- 0.5%					
	Load Regulation	+/- 2.0%					
	Overshoot & Undershoot	<5.0%					
	Rise Time	<1 Second - 230Vac at 100% Load					
	Hold Up Time	>20mS - 230Vac at 100% Load					
Input	Full Input Voltage Range	90~264Vac					
	Full Frequency Range	47-63Hz					
	AC Current	< 1.5A					
	In Rush Current	<60A@230Vac					
	Leakage Current	Input-Output:<0.25mA      Input-PG:<3.5mA					
Protection	Over Load	105~180% rated output current					
	Short Circuit	Long Term Mode, auto-recovery					
Enviroment	Working Temp	-20°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					
Saftey	Saftey 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	> 100MOhms					
	EMC Emmision	Compliance to EN55022 Class B					
	EMC Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11					
Others	Lifetime	100,000 Hours (25°C)					
	Size	30.5mm x 76mm x 127mm					
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.						