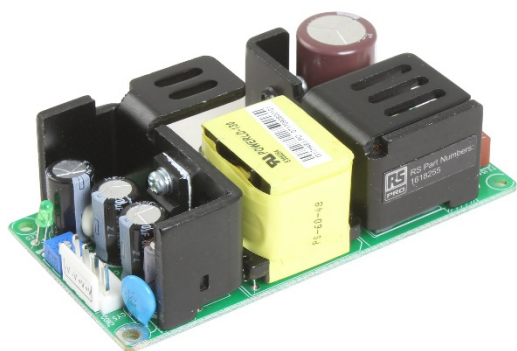


Datasheet

# 60W 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 60W 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 5 models with outputs of either 5v, 12v, 15v, 24v or 48v. Each model is approved to CE, CB, UL and come with a three year warranty.



**ENGLISH**

RS Stock Code		1618251	1618252	1618253	1618254	1618255
Output	DC Voltage	5V	12V	15V	24V	48V
	Rated Current	8A	4.5A	3.6A	2.5A	1.25A
	Current Range	0~8A	0~4.5A	0~3.6A	0~2.5A	0~1.25A
	Ripple & Noise	<200mVp-p	<300mVp-p	<300mVp-p	<300mVp-p	<360mVp-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	-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				
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	200,000 Hours (25°C)				
	Size	101.6mm x 50.8mm x 30mm				
	Package	60pcs/ctn, 12KG				
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.					