



ENGLISH

Datasheet

# RS Pro 75W Enclosed Power Supply Range



## Features:

- No Load Power Consumption
- Small Compact Design
- Cooling by free air convection
- High efficiency, long life and high reliability
- 3 Year Warranty
- Universal Input
- Withstand 5G Vibration Test
- UL & CE Approved

The 75W 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 6 models with outputs of either 5v, 12v, 15v, 24v, 36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty





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SPECIFICATION						
RS Stock Code	161-8284	161-8285	161-8287	161-8288	161-8289	161-8290
DC Voltage	5V	12V	15V	24V	36V	48V
Rated current	14A	6A	5A	3.2A	2.1A	1.6A
Current Range	0~14A	0~6A	0~5A	0~3.2A	0~2.1A	0~1.6A
Rated Power	70W	72W	75W	76.8W	75.6W	76.8W
Ripple & Noise	100mVp-p	120mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p
Voltage regulation range	±10.0%					
Voltage Accuracy	≤ 1%					
Line adjustment	≤ 1%					
Load adjustment rate	≤ 1%					
No Load Power Consumption	<0.3W					
Rise	500ms, 30ms/230VAC 100% Load					
Hold uptime	60ms/ 100% Rated Load					
Voltage Range	100~240VAC					
Frequency	47~63Hz					
Input Current	MAX 2.8/115 Vac 1.6A/230VAC					
Efficiency	84%	88%	88%	90%	92%	92%
Alternating Current	1.4A/115VAC 0.85A/230VAC					
Inrush current	50A/230VAC					
Leakage Current	<3.5mA/240VAC					
Overload	110 ~ 150% of rated output, auto-recovery					
Short circuit	Hiccup Mode, auto-recovery					
Working temp	-30°C ~ +50°C (See derating curve)					
Working humidity	10 ~ 95%RH (Non condensing)					
Storage temp	-40°C ~ +85°C					
Storage humidity	10 ~ 95%RH (Non condensing)					
Temp coefficient	±0.03%/°C (0~50°C)					
Vibration resistance	10~500Hz, 2G, 10min/cycle, X, Y, Z 60min in each direction					
Safety Standard	CE, UL60950-1, EN60950-1					
Withstand Voltage	I/P-O/P:3.0KV AC, I/P-FG:2.0KV AC,O/P-FG:0.5KV AC					
Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100MΩ/500VDC					
EMC	EN55022 CLASS B					
Lifetime	100,000 hours(25°C)					
Size	99×97×30 (L*W*H)					
Weight	0.3Kg/pc 66pcs/carton					

