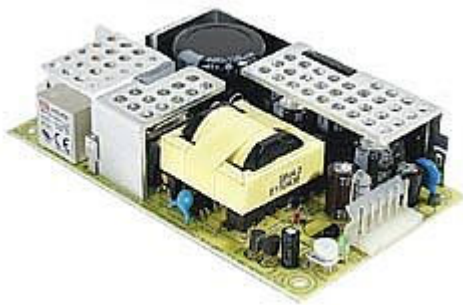


RPT-65E - 62.5W 12V & +/-5V Switching Power Supply

[Home](#) > [Products](#) > [Open Frame](#) > [RPT-65 Series 65W Triple Output Switching Power Supply](#) > 62.5W 12V & +/-5V Switching Power Supply



Standards



Case Details

PCB: 127x76x28mm With optional case: 130x84.4x37mm

General Specifications

Voltage Range	90 ~ 264VAC 127~370VDC
Input Frequency	47 ~ 440Hz
Input Current	1.5A/115VAC 0.9A/230VAC
Inrush Current	25A/115 VAC 50A/230VAC, cold start
Leakage Current	<1mA
Output Power (max)	Rated output power for convection; 80W with 18CFM min. forced air
Setup, Rise Time	800ms, 20ms at full load
Hold Time	20ms at full load
Over Load Protection	90 ~ 125W output power Hiccup mode, recovers automatically after fault condition is removed
Over Voltage Protection	Hiccup mode, recovers automatically after fault condition is removed
Working Temperature	-20°C to +60°C (refer to output load derating curve)
Working Humidity	20 ~ 90% RH non-condensing
Storage Temperature	-40°C to +85°C
Storage Humidity	10 ~ 95% RH
Temp. Coefficient	±0.04%/°C (0~50°C) on CH1 output
Vibration	10 ~ 500Hz, 2G 10min./! cycle, Period for 60min.each along X,Y,Z axes
MTBF	288.1 Khrs min. MIL-HDBK-217F (25°C)
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
Safety Standards	UL60950-1, TUV EN60950-1 approved
EMC	Compliance to EN55022 (CISPR22) Class B; EN61000-3-2,-3 EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024 Light Industry Level, Criteria A
Dimensions	PCB: 127 x 76 x 28mm With optional CASE: 130 x 84.4 x 37mm

RPT-65E Output Data

Voltage	Rated Current	Current Range	Peak Load	Rated Power	R&N	Volt. Adj.	Tol.	Line Reg.	Load Reg.	Eff.	OVP
12V	4.5A	0.18~5.8A	7.5A	62.5W	120mV	11.4~12.8V	±2.0%	±1.0%	±2.0%	77%	13.8~16.2V
5V	1.2A	0~1.5A	Rated load		100mV		±5.0%	±1.0%	±5.0%		
-5V	0.5A	0~0.7A	Rated load		120mV		±5.0%	±1.0%	±5.0%		

Related Documents[RPT-65E Engineering Test Report \(127KB\)](#)

© Copyright 2008 Sunpower UK - Custom Power Supplies - Bespoke Power Supply - Power Supply Supplier