

SMPS512UTRH

Power Supply, Switch Mode, Wall Mount, Level VI, Plug Type US, 13 V 0.5 A

Features & Benefits

- ✓ Wide range input: 90 to 264 VAC
- ✓ Level VI high efficiency rated
- ✓ Low power dissipation and low heating
- ✓ MTBF of over 100,000 hours typical

Input Requirements

SMPS512UTRH

Input	Min	Normal	Max
Voltage	90 VAC	100 to 240 VAC	264 VAC
Frequency	47 Hz	50 / 60 Hz	63 Hz
Current	-	-	200 mA

Output Features

Parameter	Limit		Test Condition	
	Min	Typ		Max
Output Voltage	12.5 DC	13.15 VDC	13.8 VDC	0.5 A Loading
Current			0.5 A	-

General Specifications

Parameter	Unit	Value	
Environmental Conditions - Operating			
Temperature	°C (°F)	-40 to 60 (-40 to 140)	
Storage Temperature	°C (°F)	-40 to 85 (-40 to 185)	
Relative Humidity	%	0 to 95	
Reliability and Safety			
MTBF	When the power supply is operating within the limits of this specification	Hours	100,000 min. @ 25 °C (77 °F)
Safety			UL 60950-1
Reliability and Safety			
International Efficiency Level		VI	

EMC & Other Standards

Parameter	Description
EMI Standard	CISPR 22 class B, EN55022 class B, EN61204-3 class B, FCC parts 15 class B
Surge Protection	Withstand B3 surge 6kV, 3kA at AC input conforms to ANSI/SCTE 161 2009
Hazardous Substances	The components and used materials shall be in compliance with EU Directive 2011/65/EU RoHS

Ordering Information

Part Number	Description
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