



SA165E-XXV-M

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60W Switching Adapter Series

Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	1700-700mA, at 100-240VAC
Configuration	IEC-320, C14, 3PIN

Output

Model Name	Voltage	Current	Watt	Efficiency
SA165E-12V-M	12V	5.0A	60W	78%
SA165E-24V-M	24V	2.5A	60W	80%
Line Regulation	$\leq \pm 2\%$			
Load Regulation	$\leq \pm 5\%$			
Protections	OCP, OVP, OTP & Short circuit			
Ripple Voltage	$\leq 1\%V_o$			

Environment

Operating Temp.	0°C - 40°C
Storage Temp.	-20°C - 80°C
Operating Humidity	20% - 80% (Non-condensing)

Reliability

MTBF	50,000hrs(MIL-HK8K-217F Standard)
Safety	Medical : UL, cUL, TUV, CB, CE (for 12V)

Others

Package	24 pcs/box (12V) 45 pcs/box (24V)
Warranty	1 year

For reference only. For details please contact your local sales representative.

Electrical

Topology	Switching Mode
Hi-Pot	4000 Vac/1min. @ 5mA (primary - secondary)
Leakage Current	$\leq 500\mu A$, at 240VAC/50Hz
Hold Up Time	≥ 10 mSec.
Standby Power	≤ 0.5 Watt
EMI	Complies with EMI directives
Energy Star Requirement	EPS 2.0 (Efficiency Level V)
ErP Requirement	Efficiency Level : Stage 2
MEPS Requirement	Efficiency Level : V (12V only comply with CEC IV, ErP Stage 1, MEPS IV)

Mechanical

Case Size	122L x 60W x 34H mm
Case Material	Black, 94V-1 or equivalent
Weight	300 \pm 10 g
DC Cord	4.92ft
LED indicator	Option

