



SA165E-XXV

65W Switching Adapter Series

Input

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

Output

Model Name	Voltage	Current	Watt	Efficiency
SA165E-09V	9V	5.0A	45W	78%
SA165E-12V	12V	5.0A	60W	78%
SA165E-24V	24V	2.8A	67.2W	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	50,000 hrs (by MIL-217 Standard)
Safety	ITE: UL, CUL, TUV/GS, CE, CB, PSE, CCC

Others

Package	24 pcs/box (9V, 12V) 45 pcs/box (24V)
Min. Order	1K pcs/lot
Warranty	1 year

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

Electrical

Topology	Switching Mode
Hi-Pot	1800 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 3.5mA$, 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

(9V & 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	352 \pm 5 g
DC Cord	4.92ft 18AWG (16AWG only for 9V/4.5~5A)
LED indicator	Option

