



SA106F-12S

6W Switching Adapter

Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	300mA, at 100-240VAC
Configuration	UL-2PIN

Output

Model Name	Voltage	Current	Watt	Eff. (Typ.)
SA106F-12S	12V	0.5A	6W	75%
Line Regulation	$\leq \pm 2\%$			
Load Regulation	$\leq \pm 5\%$			
Protections	OCP, OVP & Short circuit			
Ripple Voltage	$\leq 120\text{mVp-p}$			

Environment

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

Reliability

MTBF	100,000 hrs , at 40°C (by MIL-217 Standard)
Safety	ITE: UL, cUL, PSE

Others

Package	100 pcs/box
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	3000 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 0.25\text{mA}$, at 264VAC/60Hz
Hold Up Time	≥ 6 mSec.
Standby Power	$\leq 0.3\text{Watt}$
EMI	Complies with EMI directives
Energy Star Requirement	EPS 2.0 (Efficiency Level V)

Mechanical

Case Size	64L x 45W x 31H mm
Case Material	Black, 94V-1 or equivalent
Weight	80 \pm 10 g
DC Cord	4.92ft

