



# SA124C-XX

## 24W Switching Adapter Series

### Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	800mA, at 100-240VAC
Configuration	UL - 2PIN

### Output

Model Name	Voltage	Current	Watt	Efficiency
SA124C-12	12V	2.0A	24W	78%
SA124C-24	24V	1.0A	24W	78%

Line Regulation	Less than $\pm 2\%$
Load Regulation	Less than $\pm 5\%$
Protections	OCP, OVP & 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: Meet UL, cUL, PSE

### Others

Package	80 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	$\geq 8$ mSec
Standby Power Consumption	$\leq 0.3$ Watt (As per CEC Guideline)
EMI	Complies with EMI directives
CEC Requirement	Efficiency Level : IV
Energy Star Requirement	EPS 2.0 (Efficiency Level V)

### Mechanical

Case Size	75L x 49W x 34.2H mm
Case Material	Black, 94V-1 or equivalent
Weight	145 $\pm$ 10 g
DC Cord	4.92ft

