



SA124C-XXU

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	IEC-320, C8, 2PIN

Output

Model Name	Voltage	Current	Watt	Efficiency
SA124C-12U	12V	2.0A	24W	78%
SA124C-15U	15V	1.6A	24W	78%
SA124C-24U	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: UL, cUL, TUV/GS, CB, CE, 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	$\leq 0.25mA$, at 264VAC/60Hz
Hold Up Time	≥ 8 mSec
Standby Power Consumption	≤ 0.3 Watt (As per Energy Star & ErP Guideline)
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

Mechanical

Case Size	78L x 50W x 30H mm
Case Material	Black, 94V-1 or equivalent
Weight	132 ± 10 g
DC Cord	4.92ft

