



SA124C-XXG

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	Europe - 2PIN

Output

Model Name	Voltage	Current	Watt	Efficiency
SA124C-12G	12V	2.0A	24W	78%
SA124C-24G	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: TUV/GS, CB,CE

Others

Package	80 pcs/box
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Warranty	1 year
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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	≥ 8 mSec
Standby Power	≤ 0.3 Watt (As per ErP Consumption Guideline)
EMI	Complies with EMI directives
ErP Requirement	Efficiency Level : Stage 2

Mechanical

Case Size	75L x 34.2W x 49H mm
Case Material	Black, 94V-1 or equivalent
Weight	150 \pm 10 g
DC Cord	4.92ft

