



SA190B-XXU

90W Switching Adapter Series

Input

Rated Voltage	100 - 240 VAC
Max. Voltage	90 - 264 VAC
Line Frequency	47 - 63 Hz
Current	1600mA, at 100-240VAC
Configuration	IEC-320, C8, 2PIN With Active PFC

Output

Model Name	Voltage	Current	Watt	Efficiency
SA190B-12U	12V	7A	84W	86%
SA190B-19U	19V	4.74A	90W	86%
SA190B-24U	24V	3.75A	90W	86%

Line Regulation	$\leq \pm 2\%$
Load Regulation	$\leq \pm 5\%$
Protections	OCP, OVP & Short circuit
Ripple Voltage	$\leq 1\%V_o$ $\leq 150mVp-p$ (For 12V)

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

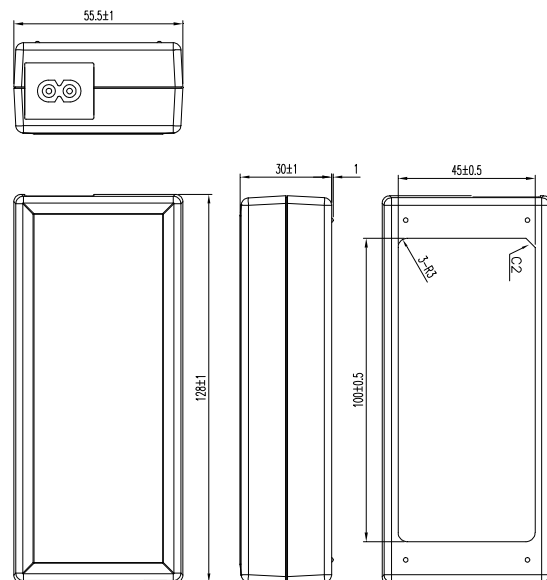
Package	45 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

Electrical

Topology	Switching Mode
Hi-Pot	3500 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 0.25mA$, at 264VAC/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)
EuP Requirement	Efficiency Level : Stage 2
MEPS Requirement	Efficiency Level : V

Mechanical

Case Size	128L x 55.5W x 30H mm
Case Material	Black, 94V-1 or equivalent
Weight	390+-10g
DC Cord	1500mm
LED Indicator	Optional



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