



# SA190B-XXV-C6

[www.sac-ontop.com.tw](http://www.sac-ontop.com.tw)

## 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, C6, 3PIN With Active PFC

### Output

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

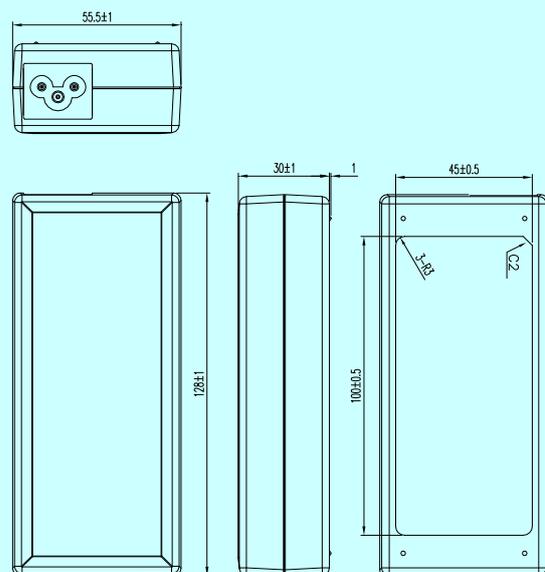
Package	45 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

### Electrical

Topology	Switching Mode
Hi-Pot	1800 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	$\leq 3.5mA$ , at 264VAC/50Hz
Hold Up Time	$\geq 10$ mSec.
Standby Power	$\leq 0.5$ Watt
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	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.