



## MODELS: AC/DC SA190-SERIES MAX90W

### DESKTOP ADAPTORS

**SWITCHMODE  
AC / DC DESKTOP  
ADAPTORS**



#### 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

##### Output

Model Name	Voltage	Current	Watt	Efficiency
SA190A-1270U-P	12V	7.0A	84W	80%
SA190A-1950U-P	19V	5.0A	95W	80%
SA190A-2440U-P	24V	4.0A	96W	80%

Line Regulation	• $\pm 2\%$
Load Regulation	• $\pm 5\%$
Protections	OCP, OVP & Short circuit
Ripple Voltage	• $4\%V_o$

##### Environment

Operating Temp.	0 • $40$ •
Storage Temp.	-20 • $80$ •
Operating Humidity	20% - 80% (Non-condensing)

##### Reliability

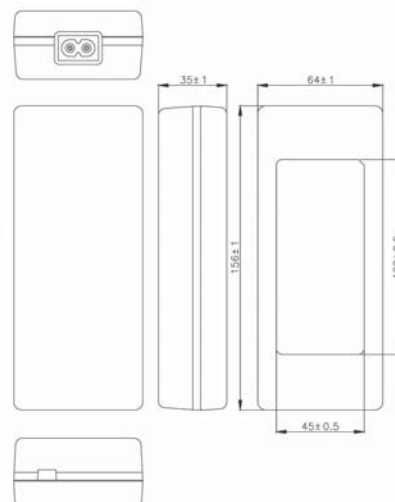
MTBF	100,000 hrs (by MIL-217 Standard)
Safety	ITE/AV : UL, CSA, TUV/GS, CE, CB, PSE, CCC

##### Electrical

Topology	Switching Mode
Hi-Pot	3000 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	• $0.25mA$ , at 240VAC/50Hz
Hold Up Time	• $40$ mSec.
Standby Power	• $4$ Watt
Consumption	
EMI	Complies with EMI directives

##### Mechanical

Case Size	156L x 64W x 35H mm
Case Material	Black, 94V-1 or equivalent
Weight	518, $\pm 5$ g
DC Cord	6ft
LED Indicator	Optional



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