



SA190B-XXU-C8

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90W Switching Adapter Series

Input					Electrical	
Rated Voltage	100 - 240 VAC				Topology	Switching Mode
Max. Voltage	90 - 264 VAC				Hi-Pot	1800 Vac/1sec @ 5mA (primary - secondary)
Line Frequency	47 - 63 Hz				Leakage Current	≤ 3.5mA, at 264VAC/50Hz
Current	1600mA, at 100-240VAC				Hold Up Time	≥ 10 mSec.
Configuration	IEC-320, C8, 2PIN With Active PFC				Standby Power	≤ 0.5 Watt
Output					EMI	Complies with EMI directives
Model Name	Voltage	Current	Watt	Efficiency	Energy Star Requirement	EPS 2.0 (Efficiency Level V)
SA190B-12U	12V	7A	84W	86%	ErP Requirement	Efficiency Level : Stage 2
SA190B-19U	19V	4.74A	90W	86%	MEPS Requirement	Efficiency Level : V
SA190B-24U	24V	3.75A	90W	86%	Mechanical	
Line Regulation	≤ ±2%				Case Size	128L x 55.5W x 30H mm
Load Regulation	≤ ±5%				Case Material	Black, 94V-1 or equivalent
Protections	OCP, OVP & Short circuit				Weight	390+-10g
Ripple Voltage	≤ 1%Vo ≤ 150mVp-p (For 12V)				DC Cord	1500mm
Environment					LED Indicator	Optional
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					

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



SA190B-XXV-C6

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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	≤ ±2%			
Load Regulation	≤ ±5%			
Protections	OCP, OVP & Short circuit			
Ripple Voltage	≤ 1%Vo ≤ 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

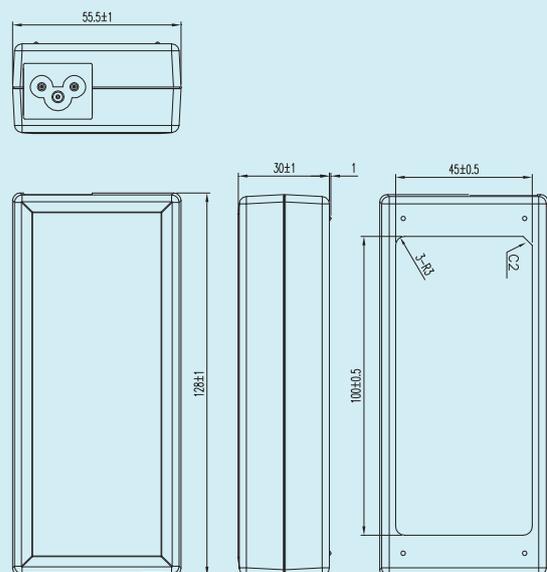
Package	45 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

Electrical

Topology	Switching Mode
Hi-Pot	1800 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	≤ 3.5mA, 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)
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.