



SA190D-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
SA190D-12U	12V	7A	84W	86%
SA190D-19U	19V	4.74A	90W	86%
SA190D-24U	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 - 40
Storage Temp.	-20 - 80
Operating Humidity	20% - 80% (Non-condensing)

Reliability

MTBF	50,000 hrs (by MIL-217 Standard)
Safety	Meet IEC/EN 60950

Others

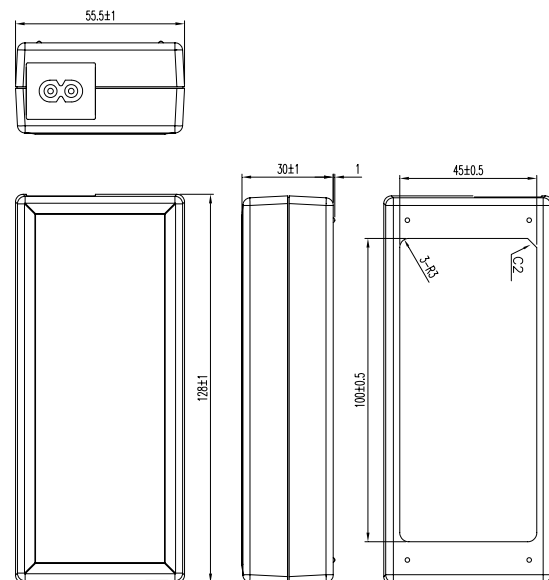
Package	45 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

Electrical

Topology	Switching Mode
Hi-Pot	3500 Vac/1sec @ 5mA (primary - secondary)
Leakage Current	0.25mA, at 264VAC/50Hz
Hold Up Time	10 mSec.
Standby Power	0.15 Watt
EMI	Complies with EMI directives
CEC Requirement	DOE 2.0 (Efficiency Level VI)
EU Requirement	Efficiency Level : Tier 2 - 2016
MEPS Requirement	Efficiency Level : VI

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.



SA190D-XXV

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
SA190D-12V	12V	7A	84W	86%
SA190D-19V	19V	4.74A	90W	86%
SA190D-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 - 40
Storage Temp.	-20 - 80
Operating Humidity	20% - 80% (Non-condensing)

Reliability

MTBF	50,000 hrs (by MIL-217 Standard)
Safety	Meet IEC/EN 60950

Others

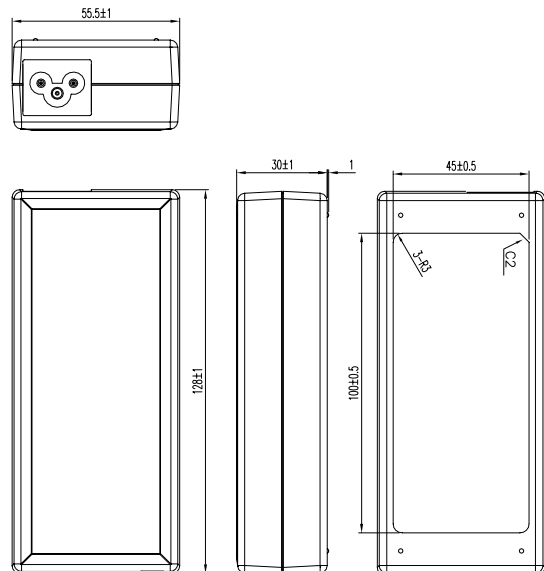
Package	45 pcs/box
Min. Order	1K pcs/lot
Warranty	1 year

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	0.15 Watt
EMI	Complies with EMI directives
CEC Requirement	DOE 2.0 (Efficiency Level VI)
EU Requirement	Efficiency Level : Tier 2 - 2016
MEPS Requirement	Efficiency Level : VI

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



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