

Wall Mount Switching Power Supply

FEATURES

- 2 Year Warranty
- FCC Part 15 Class B, Compliance
- DOE Level VI Efficiency
- IEC 60950 / 2nd Edition

ELECTRICAL SPECIFICATIONS

- Over voltage protection - Auto Recovery
- Input range : 90 - 264VAC
- Frequency : 47 / 63Hz
- AC Inrush Current: 20A @ 115VAC Input, 40A @ 230VAC Input
- Input current (rms) : 400mA Maximum
- Efficiency : 87% Min.
- Earth leakage current < 250uA @264VAC
- Hold-up time : > 10ms typical @full load, 115VAC
- Short circuit protection - Auto Recovery
- Over Current Protection - Auto Recovery

ENVIRONMENTAL

- Operating temperature : 0 to +40°C (Derate linearly 2.5% per °C from 51 to 70°C)
- Storage temperature: -20°C to +85°C
- Operating Humidity: 75% RH / Storage Humidity: 95% RH
- MTBF : >40,000 hours @full load and 25°C ambient temperature



Dimension : 85mm(L) x 35mm(W) x 60mm (H)

SAFETY STANDARDS

UL60950-1, 2nd Edition
CSA C22.2 No. 60950-1-07,
2nd Edition 2011.12

EMC STANDARDS

FCC Part 15 Class B
ANSI C63. 4:2009
VCCI V-3 and V-4

DC OUTPUT & FEATURES

Model	Output Rating	Minimum Load	Maximum Load	Po Max.	Average Efficiency	Ripple & Noise (Vp-p) Full Load
SA36-33-X	+ 3.3V	0A	9.10A	30W	> 86.9%	100mV
SA36-50-X	+ 5.0V	0A	6.00A	30W	> 86.9%	100mV
SA36-75-X	+ 7.5V	0A	4.80A	36W	> 86.9%	100mV
SA36-90-X	+ 9.0V	0A	4.00A	36W	> 86.9%	100mV
SA36-12-X	+ 12.0V	0A	3.00A	36W	> 86.9%	100mV
SA36-15-X	+ 15.0V	0A	2.40A	36W	> 86.9%	150mV
SA36-24-X	+ 24.0V	0A	1.50A	36W	> 86.9%	240mV
SA36-30-X	+ 30.0V	0A	1.20A	36W	> 86.9%	240mV
SA36-48-X	+ 48.0V	0A	0.75A	36W	> 86.9%	240mV

INPUT PLUG TYPE

- X = U: USA Type
E: European Type
A: Australian Type
K: United Kingdom Type

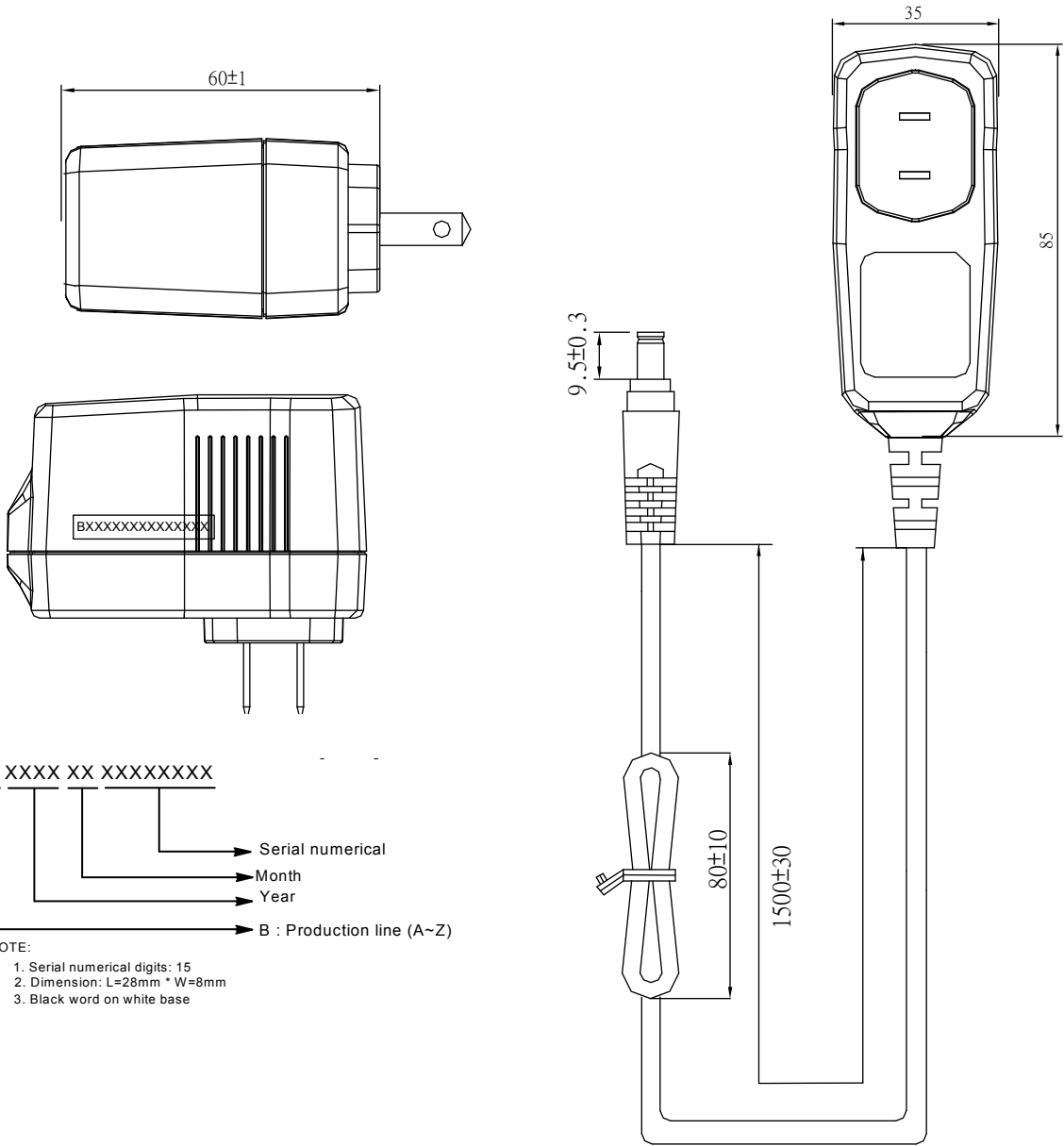


SMP TECHNOLOGY, INC.

5900 Butler Ln, Scotts Valley, CA 95066
Tel : (831) 438-9191 Fax : (831) 427-7570
http : //www.smp-tech.com E-Mail : sales@smp-tech.com

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MECHANICAL SPECIFICATION



NOTES:

CASE: Length 85mm x Width 35mm x Height 60mm
 AC INLET: 2 pin plug-in Type
 DC CABLE: UL1185 16AWG Length = 1500mm (59.1 inches)
 DC PLUG: 5.5x2.5x9.5mm Straight Barrel Socket
 Spring Loaded Center Locking Female Socket (Center Tip Positive)
 Other Output Connectors Available, Contact SMP Technology Inc.

