

NEW

SA35

35 WATTS

SA35 • Adaptor Series

Total Power	35 Watts
Input Voltages	90 - 264 VAC
# of Outputs	Single



Product may vary slightly from photo.

SPECIAL FEATURES

- CE Mark
- Universal AC input
- Miniature size
- Fully regulated output
- Overload and short circuit protection
- Constant voltage/current/power
- High efficiency
- High MTBF
- IEC320 AC receptacle, 2 pin (type C8)
- Built in EMI filter (CISPR 22 Class B)
- IEC801-2, -4, -5

ENVIRONMENTAL

Operating temperature:
0°C to +40°C ambient

Storage temperature:
-10°C to +70°C

MTBF: >100,000 hours at full load and 25°C
ambient conditions

ELECTRICAL SPECIFICATIONS

Input

Input range 90 - 264 VAC (wide range)
Frequency 47 - 63 Hz
Input current 0.8A rms @ 90 VAC; 0.3A @ 264VAC
Efficiency >80% @ full load, 115VAC
EMI/RFI EN55022 Curve B, FCC Part 15, Subpart B Class B.

Output

Voltage (Vo) 12V, 16V, 20V or 24V
Voltage regulation $\pm 5\%$ @ constant voltage mode
Current limit $\pm 5\%$ @ constant current mode
Maximum power (Po) 35W
Power limit* +10% / -5% @ constant power mode
Hold-up time 10 ms. typical at full load @ 115VAC
Protection Over Voltage Protection (OVP), AC recycle
Short circuit protection: output short circuit (<0.03 ohm), auto recovery
Cable/connector DC cable with 2.5mm center plug, barrel type DC plug center +Ve; DC plug outer -Ve

SAFETY

		<u>SA35-3130</u>	<u>SA35-3153/6/9</u>
UL	1950	E132002	E132002VL2-8
CSA	22.2-234	LR53982C	LR53982C
TUV		N/A	S9657827
MITI		91-52958	91-53577
IEC	950		
EN	60950 / with Nordic deviation		
CE	EMC & LVD		
VDE		11774-3336-1230	N/A

NOTE

* Not applicable to SA35-3130

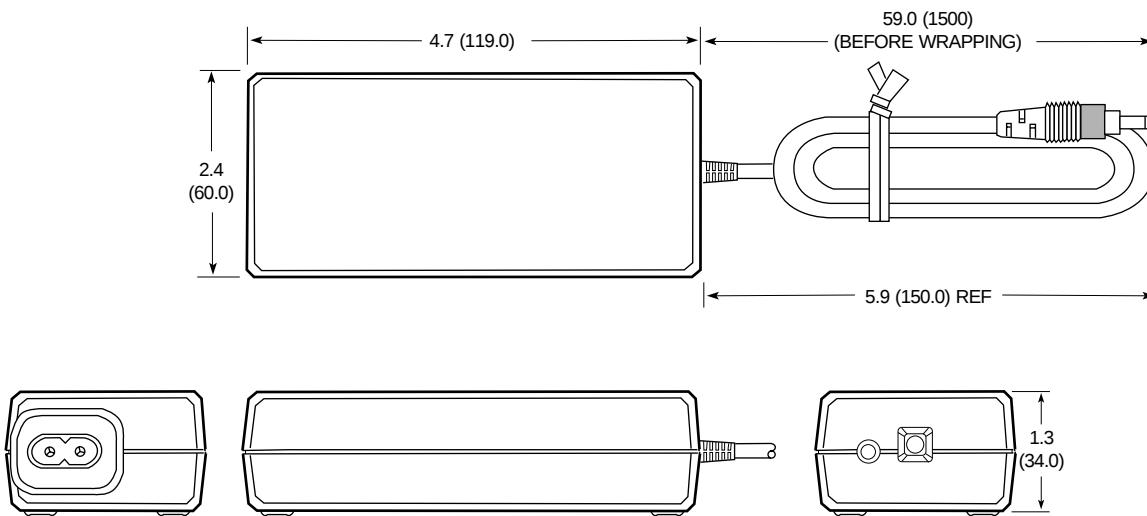
ORDERING INFORMATION

Model	Power	Vo	CV/CC ²	Io min	Io max ³	Ripple P/P (PARD) ¹	OVP max	Size
SA35-3130	35W	12V	CV/CC	0 A	2.92 A	120 mV	16V	A
SA35-3153	35W	16V	CV/CP/CC	0 A	2.19 A	240 mV	24V	B
SA35-3156	35W	20V	CV/CP/CC	0 A	1.75 A	160 mV	28V	B
SA35-3159	35W	24V	CV/CP/CC	0 A	1.46 A	200 mV	32V	B

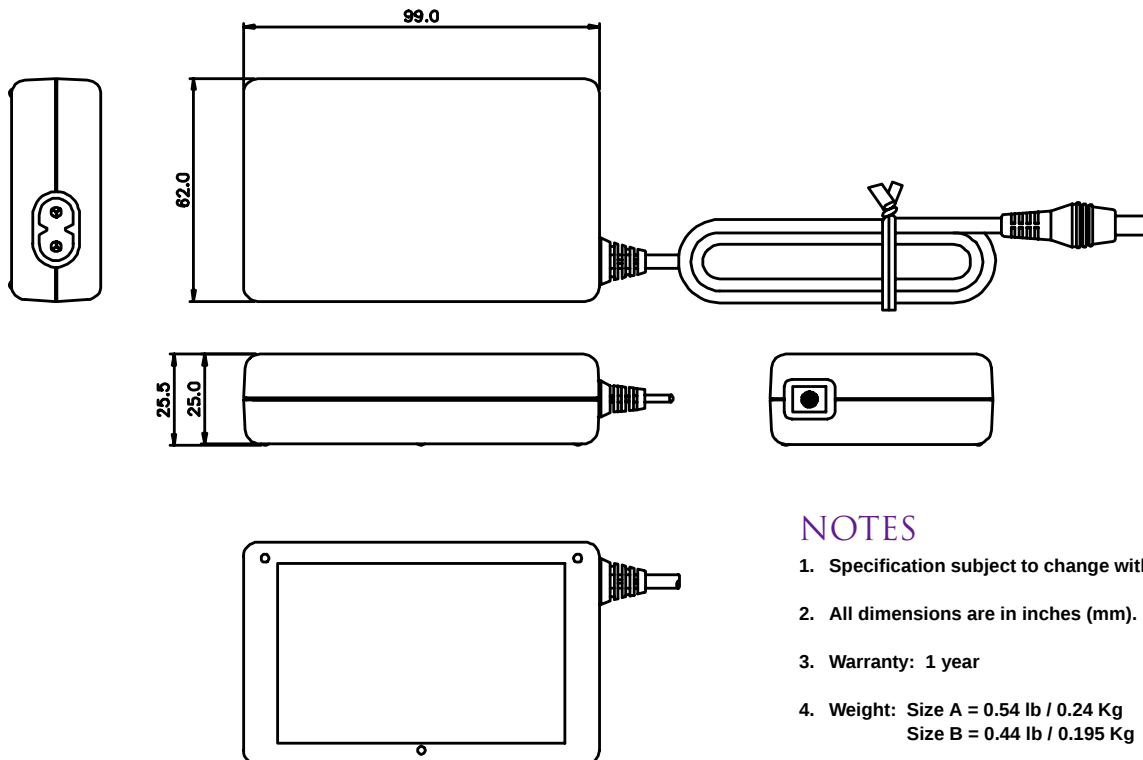
1. Peak-to-peak with 20 MHz bandwidth and 10 μ F in parallel with a 0.1 μ F capacitor.
2. CV - Constant Voltage: output loads up to Io maximum
CC - Constant Current: output loads above Io maximum
CP - Constant Power: output loads above Po maximum
3. Maximum output current at CV & CC modes

DIMENSIONS

SIZE A



SIZE B



NOTES

1. Specification subject to change without notice.
2. All dimensions are in inches (mm).
3. Warranty: 1 year
4. Weight: Size A = 0.54 lb / 0.24 Kg
Size B = 0.44 lb / 0.195 Kg