

15W Universal Input

PSA-15-201 Dual Output Adaptor



Features

- Compact Mini Size
- CISPR 22B; FCC B EMI
- Non-vented/Spill-proof Case
- ISO 9001 Quality System

Applications

- CD ROM Drives
- Portable Equipment
- Add-on Disk Drives
- Networking

Safety Approvals

- UL1950 [E127643]
- CSA 22.2 234 [LR56927]
- TUV IEC 950, EN60950 [S9552716]
- Japan 91-55071

Dimensions: • Length: 112mm (4.4in) • Height: 36mm (1.47in)
• Width: 60mm (2.36in) • Weight: 260gm (9oz)

Output Specifications

Model	DC Output Voltage	Load			Ripple (1) P-P (Max)	Regulation	
		Min.	Max.	PK(2)		Line	Load
PSA-15-201	5V	0.4A	1A	1.5A	50mV	+1%	+5%
	12V	0.05A	0.75A	1.5A	120mV	+1%	-5%, +8%

(1) Measured at 15W by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.

(2) Peak output power not to exceed 23W.

GREENMOTION

ISO 9001 • BABT
Facility Approvals



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Characteristics

AC Input Voltage
90 to 264 VAC

AC Input Frequency
47 to 63Hz

AC Input Current
0.3Arms (120VAC)
0.2Arms (240VAC)

AC Inrush Current (Cold)
25A max. (120VAC)
50A max. (240VAC)

Leakage Current
Less than 3.5mA (240VAC)

Efficiency
70% @ 15W 120VAC, 60Hz

Hold-up Time
16msec, 15W load, 120VAC

Switching Frequency
50KHz (nominal)

Overvoltage Protection
>120%

Overcurrent Protection
>110%, Auto Restart

Operation Temperature (Convection)
-0 to 50°C

Storage Temperature
-25 to +75°C
20 to 90% RH (Non-condensing)

MTBF
100,000 hrs. minimum
(full load, 240VAC, 25°C)

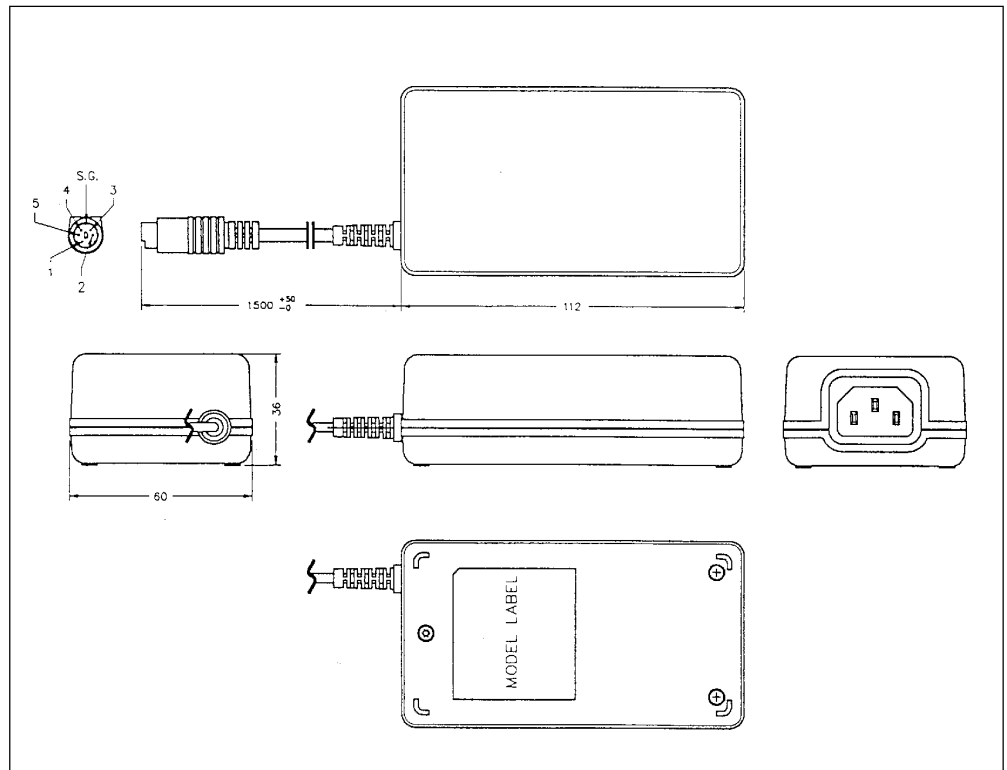
Emissions
FCC Class B
EN 50081-1: EN 55022 B

Immunity
EN 50082-1: IEC 801-2 Level 3
IEC 801-3 Level 2
IEC 801-4 Level 2

AC Input Connector
IEC 320/13

DC Output Connector
Mini-DIN, 5pin
Pin 1 - +12
Pins 2,3 - +5
Pins 4,5 - Return
Shield - Return

Dimension Diagram Unit: mm (inch)



15-201/605