

# 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.

GM  
NO  
THE  
P

ISO 9001 • BABT  
Facility Approvals



ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.  
Sanchung City, Taipei  
Taiwan 24103, R.O.C.  
Phone: 886-2-988-2126  
886-2-980-5255  
Fax: 886-2-981-7086  
886-2-983-3222

PHIHONG USA

*Western Office:*  
48607 Warm Springs Blvd.  
Fremont, CA 94539  
Phone: (510) 445-0100  
Fax: (510) 445-1678  
Email: [usasales@phihongusa.com](mailto:usasales@phihongusa.com)  
Internet: <http://www.phihongusa.com>

*Eastern Office:*  
3005 Brodhead Road  
Bethlehem, PA 18017  
Phone: (610) 866-9911  
Fax: (610) 866-9920

# 15W Universal Input PSA-15-201 Dual Output Adaptor

## 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)

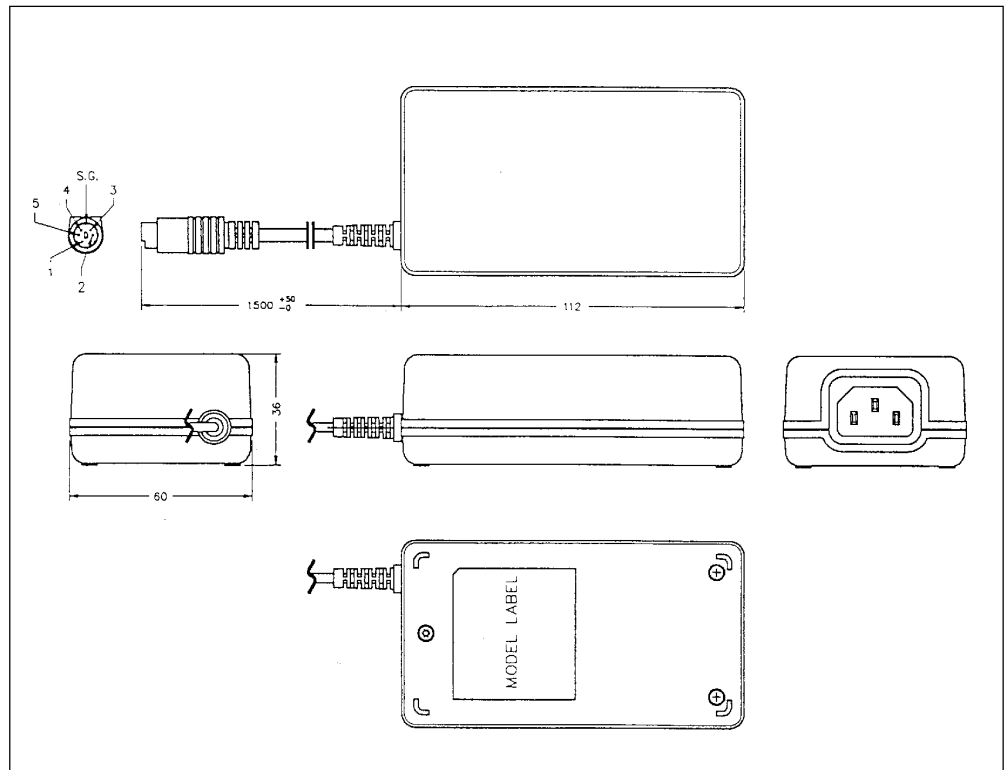
**Emissions**  
FCC Class B  
EN 50081-1: EN 55022 B

**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