



17W Universal Input Adaptor PSA-30U Series Triple Output



Features

- Enclosed Packaging
- Compact Case
- Meets IEC Directives
- ISO 9001 Quality System

Applications

- Networking
- Micro Based Products
- Compact Peripherals
- Portable Instruments

Safety Approvals

- UL1950
- CSA 22.2 234
- IEC 950, TUV
- Nordic, Japan MITI (-301 only)

Mechanical Characteristics

- Dimensions:
- Length: 140mm (5.5in)
 - Width: 60mm (2.36in)
 - Height: 39mm (1.53in)
 - Weight: 360gm (12.5oz)

Output Specifications

Model	DC Output Voltage	Load			Ripple (1) P-P	Regulation	
		Min.	Max.	Peak*		Line	Load
PSA-30U-301A	+5V	0.3A	1.0A		50mV	±1%	±5%
	+12V	0.2A	0.7A	0.8A	120mV	±1%	±5%
	-12V	0.1A	0.2A		120mV	±1%	±10%
PSA-30U-303D	+5V	0.3A	1.0A		50mV	±1%	±5%
	+12V	0.0A	0.7A	0.8A	120mV	±1%	±5%
	-5V	0.1A	0.3A		50mV	±1%	±5%

* 2 seconds.

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

AC Input Voltage
90 to 264 VAC

AC Input Frequency
47 to 63Hz

AC Input Current (Full Load)
0.4Arms (120VAC)
0.2Arms (240VAC)

AC Inrush Current (Cold, Full Load)
20A max. (120VAC)
40A max. (240VAC)

AC Surge Immunity
IEC 1000-4-5; IEC 801-5, Level 3

Leakage Current
Less than 3.5mA

Dielectric Withstand (Hipot)
1500VAC, 1 min., 10mA

Hold-up Time (Full Load)
20msec, 120VAC

Overcurrent Protection
Short Circuit, Auto Restart

Operation Temperature
0 to 40°C

Storage Temperature
-40 to +70°C

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 4

AC Mating Connector
Cord, IEC EN 60320/C13 (3 wire)

DC Output Connector

-301A	-303D
8 Pin Mini-DIN	5 Pin DIN
Pins 1,2,3 =5V	Pins 1 & 2 =Return
Pin 4 = +12V	Pin 3 = +5V
Pin 5 = -12V	Pin 4 = -5V
Pins 6,7,8 = Return	Pin 5 = +12V

Dimension Diagram Unit: mm (inch)

