



PW122

ITE 120 WATT SERIES

PW122 SWITCH-MODE POWER SUPPLY

- 100-240 VAC Universal Input
- Desktop Style
- Single Output to 120W
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 3 Year Warranty
- Modified and Custom Designs Also Available

PW122

Ault Part No.	Voltage DC	Max Amps	Max Watts	Ripple p-p Max
PW122XA12XXF01	12V	10.00	120.0	120mV
PW122XA24XXF01	24V	5.00	120.0	240mV
PW122XA48XXF01	48V	2.50	120.0	480mV

Ault Part No. Key

Product Family Name	Manufacturing Location (volume dependent)	Design Revision Changes	Voltage DC	Connector #51 - Standard 12V; #3 - Standard 24V and 48V	Input Configuration/ Model Type (see pg. 2)	Standard (no modifications, special artwork or special packaging)
PW122	X	A	05	XX	—	01



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Input

Rated Voltage	100-240 VAC
Operating Voltage	90-264 VAC
Line Frequency	47-63 Hz
Current	2A max.at 90 VAC input
Protection	Internal primary current fuse
Power Factor Correction	Complies with EN61000-3-2 and EN61000-3-3 (active)

Output

Combined Line and Load Voltage Regulation	±1% excluding cord
Ripple	see table
Transient Response	0.5 msec. for 50% load change typical
Holdup Time	16.7 msec min.over entire input range
Protection	Overcurrent protection, Short circuit Protection
Cord and Connector	12V: 6 ft, 4 conductor, 18 AWG, Ault #51 connector, Pinout: Pins 1-4=+V; 3, 6=common with overmolded Ferrite core. 24V & 48V: 5 ft, 2 conductor, 18 AWG, with overmolded Ferrite core, Ault #3 Connector, center positive.

Safety Approvals

Agency Listings	cULus60950, TUV/IEC EN60950, Australian, Japanese certification available - extra fees apply
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Input Configuration



IEC320
w/ground
C14
(F)

Electrical

Earth Ground Leakage Current	Less than 750 uA
Efficiency	86%Typical
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	Min. 100,000 Hours

Environmental

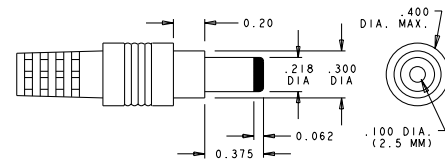
Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

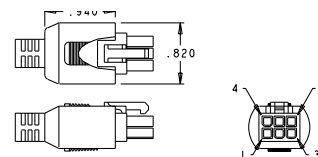
Case and Dimensions	9.0L x 2.9W x 2.0H (in) 229L x 74W x 51H (mm)
Case Material	94V0 polycarbonate; black is standard color; other colors available - extra charges may apply
Weight	24 ounces, 684 grams (excluding cord)

Connector

3



51



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