

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

PW122	X	A	05	XX	—	01
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)



AULT INCORPORATED

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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 Provided	Complies with EN61000-3-2 and EN61000-3-3

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. All with overmolded Ferrite core.

Safety Approvals

Agency Listings	cULus 60950, TUV/IEC EN60950, Australian, Japanese certification available - extra fees apply UL/C-ULus1950, TUV EN60950, Australia, MITI
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Input Configuration



IEC320
w/ground
C14
(F)

Electrical

Dielectric Withstand	3000 VAC, 4250 VDC primary-secondary 1500 VAC, 2150 VDC primary-ground 500 VDC secondary-ground
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

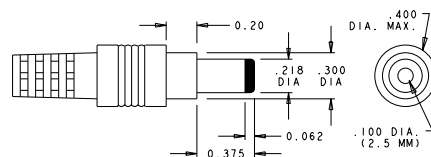
Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

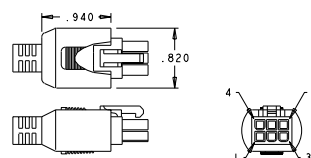
Case and Dimensions	9.0L x 2.9W x 2.0H (in) 229L x 74W x 51H (mm)
Case Material	Black 94V0 polycarbonate
Weight	24 ounces, 684 grams (excluding cord)

Connector

3



51



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