

PW117

ITE 6-12 WATT SERIES



PW117 SWITCH-MODE POWER SUPPLY

- 100-240 VAC Universal Input
- Desktop Style
- Single Output to 6-12W
- 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

PW117

Ault Part No.	Voltage DC	Max Amps	Max Watts
PW117XA0303_01	3V	2.00	6.0
PW117XA0503_01	5V	2.00	10.0
PW117XA0803_01	7.8V	1.28	10.0
PW117XA0903_01	9V	1.10	10.0
PW117XA1203_01	12V	0.85	10.2
PW117XA1503_01	15V	0.70	10.5
PW117XA1803_01	18V	0.60	10.8
PW117XA2403_01	24V	0.45	10.8
PW117XA4803_01	48V	0.25	12.0

Ault Part No. Key

PW117	X	A	05	03	—	01
Product Family Name	Manufacturing Location (volume dependent)	Design Revision Changes	Voltage DC	Connector	Input Configuration/ Model Type (see pg. 2)	Standard (no modifications, special artwork or special packaging)



AULT INCORPORATED

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PW117

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Input

Voltage	100-240 VAC -10%, +6%
Line Frequency	47-63 Hz
Current	0.3A max. at 90 VAC input
Protection	Internal primary current fuse, Inrush limiting

Output

Combined Line and Load Voltage Regulation	±1% excluding cord
Ripple	1% V p-p max for output current of >0.175A
Transient Response	0.5 msec. for 50% load change typical
Holdup Time	12 msec min. @ 120VAC, 60 msec min. @ 240VAC
Protection	Foldback overcurrent protection.
Cord and Connector	6 ft, 2 conductor, 20 AWG, Ault #3 connector. Other connectors are also available.

Safety Approvals

Agency Listings	cULus 60950, TUV/IEC EN60950, Australian, Japanese certification available – extra fees apply
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Electrical

Topology	Switching-fixed frequency flyback
Leakage Current	Less than 750 uA
Efficiency	Min 65%
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 Calculated 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	3.35L x 1.81W x 1.30H (in) 85.0L x 46.0W x 33.0H (mm)
Case Material	94V0 polycarbonate; black is standard color; other colors available - extra charges may apply
Weight	4.80 ounces, 136 grams

Input Configuration



IEC320
w/ground
C14
(F)

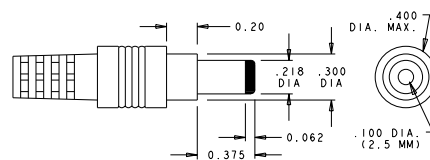


Shaver
C8
(N)

Specify the Input Configuration Code in your order.

Connector

3



Pinout Code	Center contact: positive
Description	Switchcraft 760 plug or equivalent
Suggested Mating	Switchcraft 712A jack or equivalent
Other Connectors are available by special order	



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