

# PW118

ITE 10-19 WATT SERIES

## PW118 SWITCH-MODE POWER SUPPLY

- 100-250 VAC Universal Input
- Desktop Style or Wallplug Style
- Single Output to 19W
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 1 Year Warranty
- Modified and Custom Designs Also Available

### PW118

Ault Part No.	Voltage DC	Max Amps	Max Watts
PW118XA0303_01	3V	3.34	10.0
PW118XA0503_01	5V	3.00	15.0
PW118XA0903_01	9V	2.00	18.0
PW118XA1203_01	12V	1.50	18.0
PW118XA1503_01	15V	1.20	18.0
PW118XA1803_01	18V	1.00	18.0
PW118XA2403_01	24V	0.75	18.0
PW118XA4803_01	48V	0.40	19.0

### Ault Part No. Key

PW118	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)	Denotes standard or custom requirements



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# PW118

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### Input

Voltage	100-250 VAC -10%, +6%
Line Frequency	47 - 63 Hz
Current	0.5A 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	18 msec min. @ 120 VAC 60 msec min. @ 240 VAC
Protection	Foldback overcurrent protection Short circuit protection
Cord and Connector	6 ft, 2 conductor, 18 AWG, Ault #3 connector. Other connectors are also available.

### Safety Approvals

Agency Listings	cULus 60950, TUV/IEC EN60950, Japanese certification available – extra fees apply
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### Input Configuration



IEC320  
w/ground  
C14  
(F)



IEC320  
w/o ground  
C18  
(Q)



N. America/  
Japan  
(B)



Europe  
(M)



United  
Kingdom  
(G)



Shaver  
C8  
(N)

Inlet type: IEC320-C14, C8  
Plug type: NA, EURO, UK, SAA

Specify the Input Configuration Code in your order.

### Electrical

Topology	Switching-fixed frequency flyback
Dielectric Withstand	3000 VAC, 4250 VDC primary-secondary 500 VDC secondary-ground
Spacing	6.4mm primary-secondary
Leakage Current	Less than 750 uA
Efficiency	Minimum 65%
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 Calculated Hours

### Environmental

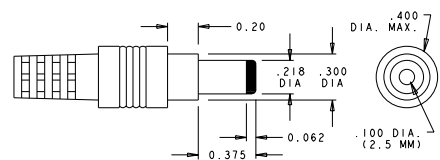
Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

### Mechanical

Case and Dimensions	3.74L x 2.13W x 1.26H (in) 95.0L x 54.0W x 32.0H (mm)
Case Material	Black 94V0 polycarbonate
Weight	7 ounces, 198 grams

### 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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