

PW128

ITE 13-32 WATT SERIES



PW128 SWITCH-MODE POWER SUPPLY

- 100-250 VAC Universal Input
- Desktop Style or Wallplug Style
- Single Output to 32W
- 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

PW128

Ault Part No.	Voltage DC	Max Amps	Max Watts
PW128XA0303_01	3.3V	4.00	13.2
PW128XA0503_01	5V	4.00	20.0
PW128XA0603_01	6V	4.00	24.0
PW128XA0703_01	7V	3.50	24.5
PW128XA0903_01	9V	3.00	27.0
PW128XA1203_01	12V	2.50	30.0
PW128XA1503_01	15V	2.00	30.0
PW128XA1803_01	18V	1.67	30.1
PW128XA2403_01	24V	1.33	31.9
PW128XA3603_01	36V	0.84	30.2
PW128XA4803_01	48V	0.67	32.2

Ault Part No. Key

PW128	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



AULT INCORPORATED

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Input

Voltage	100-250 VAC -10%, +6%
Line Frequency	47 - 63 Hz
Current	TBD 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. @ 120VAC
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 75%
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 Calculated Hours

Environmental

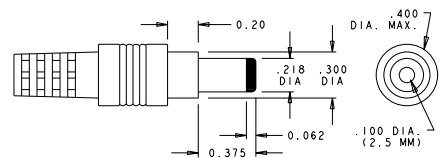
Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

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

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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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