



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PW156

Universal 75 Watt Series



## ITE / Switch Mode Power Supply

- 100-240 VAC Universal Input
- ENERGY STAR Level IV Compliant
- Low Life-Cycle Operation Cost
- Desktop Style
- Complies with EMI/RFI Regulations
- CE Compliant (LVD, EMC, WEEE, RoHS)
- Impact Resistant, Non-vented Polycarbonate Enclosure
- Modified and Custom Designs also Available



International Safety Standard Approvals



## Specifications

### Output Specifications

Line and Load Voltage Regulation	Excluding Cord	+/-1%
Ripple		1% Vp-p max.
Transient Response	3.0ms max. for 50% Load Change	Slew Rate of 0.1A/us
Protection	Cycle-by-Cycle Current Limiting	Automatic Recovery for Overload or Short Circuit; Active OVP

### Input Specifications

Voltage	100-240VAC Nominal
Line Frequency	47-63Hz
Input Current	2.0A max.
Protection	Input Fuse rush Limited

### Environmental Specifications

Thermal Performance	Operating Temperature	0° C to 40° C with no Derating
Cooling	Convictional	Non-ventilated Enclosure
Relative Humidity	Non-condensing	5% to 95%
Altitude		0-10,000 feet

### General Specifications

Topology	Quasi-resonant Fly-back Current-mode Control
Efficiency	Energy Star Level IV
Hold-up Time	@120V 16ms, Typical
Storage Temp	-20° C to +85° C
Approvals and Safety Standards	UL60950-1, TUV/EN60950-1 IEC60950-1
MTBF	165,000 Hours
Weight	408g (14.8oz)
Case and Dimension	LP6 5.44L x 2.19W x 1.32H (in) 138.2L x 55.6W x 33.5H (mm)
Case Material	V-0 Polycarbonate Black
Cord and Connectors	1m 2-Conductor, 18AWG Standard AULT#3 Connector.

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For the most current data and application support visit [www.slpower.com](http://www.slpower.com)

Ault Part Number	Output Voltage	Output Currents		Max Watts
		Min	Max	
PW156RA1203N01	12 V	0.00 A	6.30 A	75.0 W*
PW156RA1503N01	15 V	0.00 A	5.00 A	75.0 W
PW156RA1803N01	18 V	0.00 A	4.20 A	75.0 W
PW156RA2403N01	24 V	0.00 A	3.10 A	75.0 W

### Ault Part Number Key

PW156	R	A	12	03	N	01
Product Family Name	Manufacturing Location	Type Revision	Output Voltage	Output Connector Style	Input Connector Style	Standard Item (other numbers for custom)

\*12V model rated 70W with input voltages rated 100-119V, 75W with input voltages rated 120-240VAC.

### EMI Compliance

FCC	EN55024	Class B Conducted and Radiated
Harmonic ESD	IEC 61000-3-2 IEC 61000-4-2	Class A CD Level 2
RFS	IEC 61000-4-3	AD Level 3, Criterion B
EFT	IEC 61000-4-4	Level 2, Criterion A
Surge	IEC 61000-4-5	Level 2, Criterion A Level 3, Criterion B

### Optional Features

Various output cord wire gauges and connector styles available. See Ault connector style sheets for connector options

"Power-on" LED

IEC 61000-3-2 Class D Harmonic Input Cord

Active, Auto-recovery Over Temperature Protection Circuit

Synchronous Rectification for Output Voltages Lower than 12V

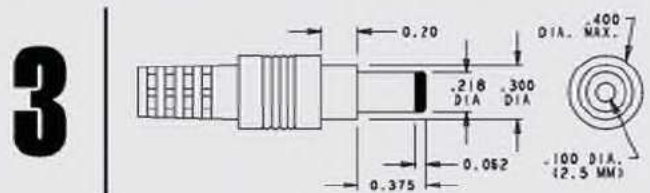
Private Label Marking

### Input Configuration



Shaver  
C8 (N)

### Pin Connections



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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