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	5	
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 Inrush Limited

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

General Specification	ns	
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

	Output	Output Currents		Max
Ault Part Number	Voltage	Min	Max	Watts
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 Nun	mber Key					
PW156	R	Α	12	03	N	01
Product Family	Manufacturing Location	Type Revision	Output Voltage	Output Connector	Input Connector	Standard Item (other numbers
Name				Style	Style	for custom)

 $^{^{\}star}12V$ 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	IEC 61000-3-2	Class A
ESD	IEC 61000-4-2	CD Level 2
		AD Level 3, Criterion B
RFS	IEC 61000-4-3	Level 2, Criterion A
EFT	IEC 61000-4-4	Level 2, Criterion A
Surge	IEC 61000-4-5	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

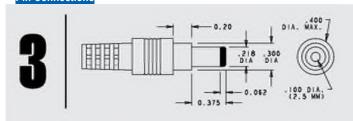
Private Label Marking

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

