

AULT SPECIFICATION

PW300 Universal Series

Final 3/31/97

INPUT

Voltage	100-250VAC -10%, +6%
Line Frequency	47-63 Hz
Current	1.3A Max. at 100VAC Input
Protection	Internal primary current fuse, Inrush limiting Overcurrent and short circuit protected
Configuration	In Case IEC320 with Ground

OUTPUT

Model	Voltage	Min. Current	Max. Current	Max.Watts	Max. Power
PW300KA0012F01	+5VDC	0A	5.0A	25.0	50 Watts
	+12VDC	0A	4.0A	24.0	
	-12VDC	0A	0.5A	6.0	

Combined Line and Load Voltage Regulation Excluding Cord
+5VDC: $\pm 1\%$ Combined +5,+12 Output of >0.6A
+12VDC: +5% -5% Combined +5, +12 Output of >0.6A
-12VDC: $\pm 6\%$ Combined +5, +12 Output of >0.6A

Ripple
+5: 50mV p-p Max combined +5, +12 Output >0.6A
+12: 100mV p-p Max combined +5, +12 Output >0.6A
-12: 100mV p-p Max combined +5, +12 Output >0.6A

Transient Response Holdup Time Protection
0.5mSec for 50% load change typical
20mSec @ 120VAC; 120mSec @ 240VAC
Foldback overcurrent protection on all outputs
Short circuit protection on all outputs
OVP 6.8V Max on +5VDC

Cord and Connectors
3 ft., 5 Conductor, 18 AWG, Ault #12 Connector
Other Connectors are also available

ELECTRICAL

Topology Switching - Fixed Frequency Flyback
Dielectric Withstand 3000VAC, 4250VDC Primary - Secondary
1500VAC, 2150VDC Primary - Ground
500VDC, Secondary - Ground
Safety Spacings 8mm Primary - Secondary
Leakage Current Less than 0.75mA at 265VAC 50Hz
Efficiency Up to 75%
EMI Complies with EMC Directives
CE CE Compliant

SAFETY APPROVALS

UL1950, CSA950, TUV/IEC950

ENVIRONMENTAL

Operating Temperature 0° - 50° C with no derating
Storage Temperature -30° C to +85° C
Relative Humidity 5% to 95% Non-condensing
Altitude 0 - 10,000 Feet
Cooling Convectional non-vented case

MECHANICAL

Case and Dimensions LP8 - Desktop
5.87 L x 3.34 W x 2.0 H (in)
149 L x 86 W x 51 H (mm)
Case Material Black 94V0 Polycarbonate
Weight 16 Ounces, 454 grams (excluding cords)

WARRANTY

3 Years

