



Universal 32 Watt (IEEE802.3af Non-Compliant)

PoE plus Gigabit

- 10/100/1000 (MbPS) Data Rates
- Self-contained Injector
- 100-250VAC Universal Input
- Desktop Style / Non-vented Case
- IEEE802.3af Non-Compliant
- Power ON LED
- UNH IOL Test Report
- Over Load Shutdown and Short Circuit Protection
- Regulated Output With Low Ripple
- Complies with EMI/RFI Regulations
- CE Compliant

International Safety Standard Approvals



Specifications

Output Specifications

Combined Line and Load Voltage Regulation	Excluding Cord	±1%
Ripple		1% Vp-p max.
Transient Response		0.5ms for 50% Load change Typical
Protection		Foldback Overcurrent Protection, Short Circuit Protection

Input Specifications

AC Input Voltage Range		100-250VAC -10%, +6%
Line Frequency		47-63Hz
AC Input Current		1A max.
Protection		Internal Primary Current Fuse, Inrush Limiting

Environment Specifications

Thermal Performance	Operating Temperature No Derating, Convective Cooling Non Vented Case	0°C to 40° C
Relative Humidity	Non-Condensing	5% to 95%
Altitude		0-10,000 feet

General Specifications



Topology		Switching-Fixed Frequency Flyback
Dielectric Withstand	Primary-Secondary Secondary-Ground	3000VAC, 4250VDC 500VDC
Spacing		5mm Primary-Secondary
Leakage Current		Less than 250µA
Efficiency		75.1% min.
EMC Information		
Emissions	FCC Part 15 En55022	Class B Class B
Harmonic	EN61000-3-2	
VFF	EN61000-3-3	
ESD	EN61000-4-2	Level 2
RF EMI	EN61000-4-3	Level 2
EFT	EN61000-4-4	Level 2
Surge	EN61000-4-5	Level 3
CDI	EN61000-4-6	Level 2
CD	EN61000-4-8	Level 1
Voltage	EN61000-4-11	
CE	LVD, EMC, RoHS, WEEE, CE Complaint	
Hold-up Time	@120VAC	18ms min. typ.
Storage Temp		-30°C to + 85°C
Approvals and Standards	Safety	cULus : UL/CSA60950 TUV : EN60950 CE: LVD, EMCD

Ault Part Number	Output Voltage	Output Currents		Max Watts	Ripple Vp-p max.
		Min	Max		
PW183RA4800_01	48 V	0.00 A	0.67 A	32 W	480 mV

Ault Part Number Key

PW183	R	A	48	00	-	01
Product Family Name	Manufacturing Location (volume dependent)	Design Revision Changes	Voltage DC Model Type	Connector	Input Configuration/ Model Type	Standard (no modifications or special packaging)

Input Configuration

	
IEC320 w/ground C14 (F)	Shaver C8 (N)
Specify the Input Configuration Code in your order.	

General Specification (continued from p. 1)

MTBF	100,000 Calculated Hours
Weight (excluding cord)	7 Ounces, 200 Grams
Case and Dimension	5.24L x 2.13W x 1.42H (in) 133.0L x 54.0W x 36.0H (mm)
Case Material	Black 94V0 Polycarbonate
Cord and Connectors	Dual RJ45 jacks built into the enclosure

Personalized PoE

Options (Additional costs may apply):
<ul style="list-style-type: none"> • Custom label artwork • Custom agency approvals available • Surge protection (Input & Output) • Mounting bracket • Custom PoE modifications

Pin Connections

