



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PW180KA

Universal 20 Watt (Non-Compliant)



PoE / SMPS

3 Year Warranty

- Power over Ethernet (PoE)
- Self Contained Midspan Power Injector
- 100-250VAC
- Desktop Style
- Single Output up to 20W
- Does Not Meet IEEE802.3af Requirements
- Regulated Output with Low Ripple
- CE Compliant



International Safety Standard Approvals



Specifications

Output Specifications

Voltage	+48VDC Typical, 44V to 57V	
Load Regulation	+/-4%, 44V to 57V	
Ripple and Noise	f < 500kHz	500mVp-p
	500Hz-150kHz	200mVp-p
	150kHz-500kHz	150mVp-p
	500kHz-1MHz	100mVp-p
Transient Response	0.5ms for 50% Load change Typical	
Pin Assignment	(see page 2)	

Input Specifications

Voltage	100-250VAC -10%, +6%	
Line Frequency	47-63Hz	
Input Current	90VAC Input	0.5A max.
Protection	Internal Primary Current Fuse, Inrush Limiting	

Environmental Specifications

Thermal Performance	Operating temperature with no derating convectional cooling, Non vented case	0° C to 40° C
Relative Humidity	Non-condensing	5% to 95%
Altitude	0-10,000 feet	

General Specifications

Stand By Mode LED (Single color)	Green -	Power supply is ON
Topology	Switching-Fixed Frequency Flyback	
Efficiency	70% min.	
Dielectric Withstand	3,000VAC or 4,250VDC Primary-Secondary	
Storage Temp	-30 °C to 85 °C	
Approvals and Safety Standards	UL60950-1, IEC/EN60950-1 EMC : EN55022 / 55024 61000	
Weight	5.6 ounces, 160 grams	
MTBF	100,000 Calculated Hours	
Leakage Current	Less than 0.75mA at 265VAC 50Hz	
Spacing	6.4mm Primary-Secondary	
Case and Dimension	Desktop Style 3.98L x 2.40W x 1.35H (in) 101.0L x 61.5W x 34.2H (mm)	
Case Material	Black 94V0 Polycarbonate	
Cord and Connectors	Dual RJ45 Jacks built into the enclosure.	

PW180KA

Universal 20 Watt (Non-Compliant)


PoE / SMPS

For the most current data and application support visit www.slpower.com


Ault Part Number	Output Voltage	Output Currents		Max Watts	Ripple Vp-p max.
		Min	Max		
PW180KA4800_01	48 V	0.00 A	0.40 A	20.0 W	480 mV

Ault Part Number Key						
PW180	K	A	48	00	-	01
Product Family Name	Manufacturing Location	Design Revision Changes	Voltage DC	Connector Number	Input Configuration/ Model Type	Standard (no modifications or special packaging)

Input Configuration



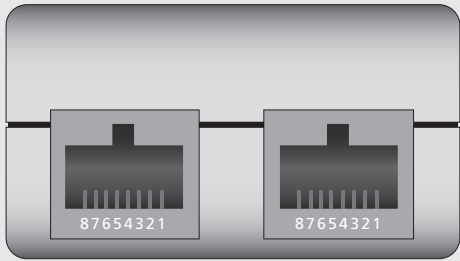
IEC320
w/ground
C14
(F)



Shaver
C8
(N)

Specify the Input Configuration Code in your order.

Pin Connections



J1

J1 Pins

1. Data Pair 1
2. Data Pair 1
3. Data Pair 2
4. + VDC
5. + VDC
6. Data Pair 2
7. - VDC
8. - VDC

J2

J2 Pins

1. Data Pair 1
2. Data Pair 1
3. Data Pair 2
4. No Connection
5. No Connection
6. Data Pair 2
7. No Connection
8. No Connection

↔

↔

↔

↔

