



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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12 VDC Medical-grade Power Supply with Locking Barrel Plug

Model PS12VLB-INT-MED

B+B SMARTWORX

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ADVANTECH

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- + 100 – 240 VAC, 47 – 63 Hz Input
- + 12 VDC, Constant Voltage Output
- + Medical Grade
- + International Input Blades, Included
- + Locking Barrel Plug
- + 4 kV Isolation

OVERVIEW

Model PS12VLB-INT-MED is a medical grade 12 VDC power supply with a locking barrel plug for secure connections. It features 100–240 VAC input voltage (47–63 Hz) and 12 VDC output. 4 kV isolation protects sensitive equipment from surges. Included international adapter blades allow connection anywhere in the U.S.A., EU, UK or Canada.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
PS12VLB-INT-MED	Power Supply 12V DC, Medical Grade - USA, EU, UK, CN

SPECIFICATIONS

POWER - INPUT, OUTPUT	
Input Voltage	100 to 240V AC
Input Current (RMS, max.)	<0.6A
Input Frequency	47 to 62 Hz
Input Configuration	Wall Plug-in
Output Voltage	12V DC
Output Current	0 to 2.08A
Output Regulation Line/Load	+5%
Output Ripple, Typical	<1%
Output Plug	Female Locking Barrel (5.5mm OD, 2.5mm Center Conductor, 9mm long, Center Positive 0 to 2.08A)
Power Range	0 to 25 Watts
Typical Switching Frequency	66.5 KHz
ISOLATION / SURGE PROTECTION	
Over-Voltage Protection	Voltage limited to <130% of nominal voltage for main output
Over-current / Short Circuit	HICCUP with auto-recovery to 1.1 - 1.3 IO
Other Protection	Input fusing
Dielectric Withstand Voltage	5656V DC primary-secondary
Isolation	4 kV
MECHANICAL	
AC Blades Included	US, EU, UK, CN
Dimensions	84.0 x 56.0 x 37.9 mm
MEAN-TIME BEFORE FAILURE (MTBF)	
MTBF	>200000 hours
ENVIRONMENTAL	
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-40 to 80 °C (-40 to 176 °F)
APPROVALS / CERTIFICATIONS	
Classification	Class II
RoHS / WEEE	Yes
EMI	EN55011 Class B FCC Part 15 Class B (tested with resistive load, both conductive and radiated.)
CE	EN60601-1-2 EN61000-3-2 EN61000-3-3 EN50082-1 EN61000-4-2 EN61000-4-3 EN61000-4-4 EN61000-4-5, Level 4 (line surge) EN61000-4-5 EN61000-4-6 EN61000-4-11, Level 4

All product specifications are subject to change without notice.

PS12VLB-INT-MED_1517ds

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