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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.

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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



Powered by AD\ANTECH



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

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

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 PROTEC	TION	
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	E (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 / CERTIFICATION	IS	
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 EN61000-4-3 EN61000-4-4 EN61000-4-5 EN61000-4-5 EN61000-4-6 EN61000-4-6	
	EN61000-4-11, Level 4	
A	Il product specifications are subject to change without notice. PS12VLB-INT-MED_1517ds	

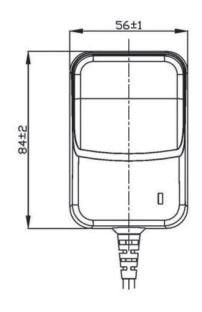


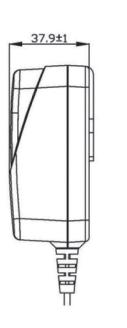
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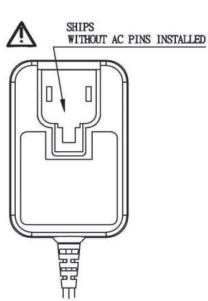
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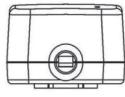


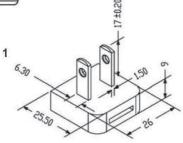
Model PS12VLB-INT-MED

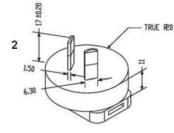


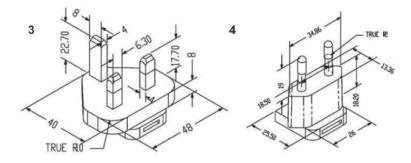














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