

# 30 Watt, HPU31 Series, Medically Approved Desktop PSU

- Universal AC Input
- 5V to 48V Single Output Range Across Models
- 100% Full Load Burn In
- 2 Year Warranty
- Class II Insulation
- Optional Output Connectors Available
- Optional 2 PIN C18 AC Inlet
- Suitable For Home Healthcare, & Medical Instrument Or Portable Applications



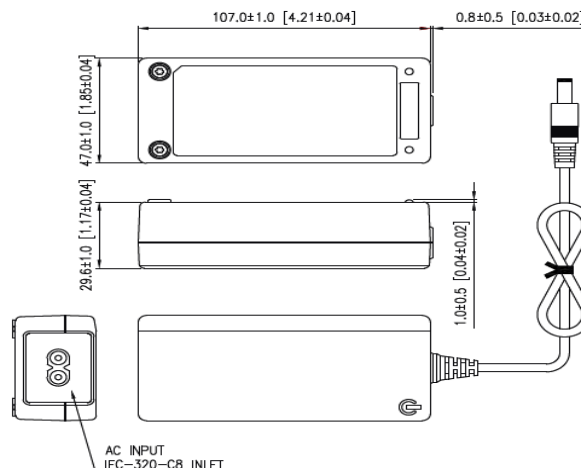
## Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current.....	0.34 A @ 230 VAC, 0.9 A @ 115 VAC
Output Voltage.....	See table below
Line Regulation.....	+/-0.5% typically @ full load
Load Regulation.....	+/-5% typical @ 230 VAC input
Hold Up Time.....	12 ms minimum @ 110 VAC typ
Leakage Current.....	0.5 mA typ
Isolation Voltage.....	I/P-O/P: 4 kVAC
Operating Temperature.....	0 °C to +70 °C (100% load to 40 °C, derates to 50% @ 70 °C)
Safety Standards.....	EN60601-1 (TUV), UL60601-1, CE
EMC Standard.....	FCC part 18, CISPR-11, EN55011 Class B
Dimensions.....	107(L) x 47(W) x 29.6(H) mm
Output connector and cable.....	Contact ALL PSU for connector options

## Models & Ratings

Model	Output Voltage	Voltage Range (Factory Settable)	Maximum Output Current	Maximum Output Power
HPU31B-102	5 VDC	5~6 VDC	4.00~3.33 A	20 W
HPU31B-103	7 VDC	6~8 VDC	3.83~2.87 A	23 W
HPU31B-104	9 VDC	8~11 VDC	3.38~2.45 A	27 W
HPU31B-105	12 VDC	11~13 VDC	2.74~2.30 A	30 W
HPU31B-106	15 VDC	13~16 VDC	2.30~1.88 A	30 W
HPU31B-107	18 VDC	16~21 VDC	1.88~1.43 A	30 W
HPU31B-108	24 VDC	21~27 VDC	1.43~1.11 A	30 W
HPU31B-109	30 VDC	27~33 VDC	1.11~0.91 A	30 W
HPU31B-110	36 VDC	33~40 VDC	0.91~0.75 A	30 W
HPU31B-111	48 VDC	40~48 VDC	0.75~0.63 A	30 W

## Mechanical Details



Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions apply.

ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111,  
Email : sales@allpsu.co.uk, Web : www.allpsu.co.uk