

12 Watt, HPU Series, (Medically Approved, UK Plug Top)

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input (UK 3 pin input plug)
- 5V to 27V Output Range Across Models
- Single Output
- 100% Full Load Burn In
- Over Load, Over Voltage Protection
- Medically Approved, TUV (EN60601-1)
- 2 Year Warranty
- Class II Insulation
- Optional Output Connectors Available
- CEC And Energy Star Compliant
- Designed for Home Healthcare & Portable Applications



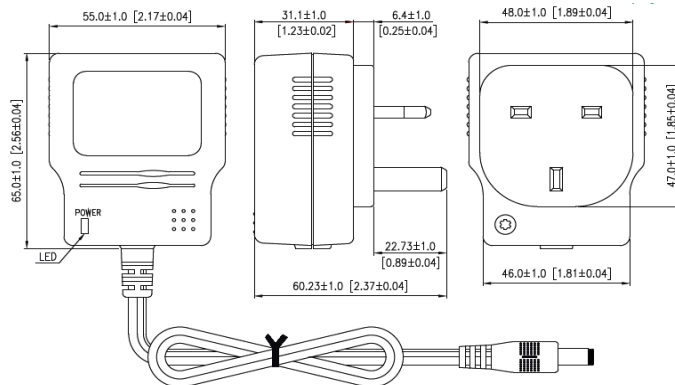
Specification

| | |
|---------------------------------|--|
| Input Voltage..... | 90~264 VAC, 47~63 Hz |
| Input Current..... | 0.17 A @ 230 VAC, 0.25 A @ 115 VAC |
| Output Voltage..... | See table below (factory set voltage within range) |
| Over Load Protection..... | 110~150% of rated current (auto-recovery) |
| Efficiency..... | 77.7 % minimum |
| Line Regulation..... | +/-1% typically @ full load |
| Load Regulation..... | +/-5% typical @ 230 VAC input |
| Leakage Current..... | Complies with UL/EN 60601-1 Medical Standards |
| Isolation Voltage..... | I/P-O/P: 4 kVAC |
| Operating Temperature..... | 0 °C to +70 °C (100% load to 40 °C, derate to 50% @ 70 °C) |
| Safety Standards..... | EN60601-1 (TUV), CE, CB, CEC and Energy Star |
| EMC Standard..... | EN55011 Class B |
| MTBF..... | >100 khrs (MIL-HDBK-217F) @ 25 °C |
| Dimensions & Weight..... | 65(H) x 55(W) x 31.1(D) excluding pins. 0.15 kg |
| Output connector and cable..... | 2.1 x 5.5 mm straight barrel connector (centre +ve) 1.8m cable length. Contact ALL PSU for alternate connectors |

Models & Ratings

| Model | Output Voltage | Voltage Range (Factory Settable) | Maximum Output Current | Maximum Output Power |
|----------------------------|----------------|----------------------------------|------------------------|----------------------|
| HPU12B-102 | 5 VDC | 5~6 VDC | 2.0~1.66 A | 10 W |
| HPU12B-103 | 7 VDC | 6~8 VDC | 2.0~1.5 A | 12 W |
| HPU12B-104 | 9 VDC | 8~11 VDC | 1.5~1.09 A | 12 W |
| HPU12B-105 | 12 VDC | 11~13 VDC | 1.09~0.92 A | 12 W |
| HPU12B-106 | 15 VDC | 13~16 VDC | 0.92~0.75 A | 12 W |
| HPU12B-107 | 18 VDC | 16~21 VDC | 0.75~0.57 A | 12 W |
| HPU12B-108 | 24 VDC | 21~27 VDC | 0.57~0.45 A | 12 W |

Mechanical Details



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

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