

12 Watt, SPU Series, UK Plug Top Power Supply

- Universal AC Input (UK 3 pin input plug)
- 3V to 50V Output Range Across Models
- Single Output
- 100% Full Load Burn In
- 2 Year Warranty
- Class II Insulation
- Optional Output Connectors Available
- Optional AC Inputs – Euro or USA versions



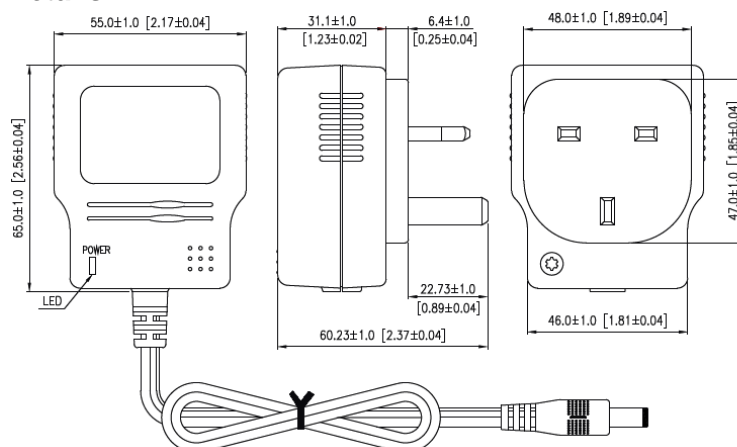
Specification

Input Voltage.....	90~264 VAC, 47~63 Hz
Input Current.....	0.3 A @ 230 VAC, 0.4 A @ 115 VAC
Output Voltage.....	See table below (factory set at any voltage specified)
Efficiency.....	55-78% (dependent on model)
Line Regulation.....	+/-0.5% typically @ full load
Load Regulation.....	+/-3% typical @ 230 VAC input
Leakage Current.....	0.5 mA typ
Isolation Voltage.....	I/P-O/P: 3 kVAC
Operating Temperature.....	0 °C to +70 °C (100% load to 40 °C, derate to 50% @ 70 °C)
Safety Standards.....	EN60950-1, CE
EMC Standard.....	Class B
MTBF.....	>100 khrs (MIL-HDBK-217F) @ 25 °C
Dimensions & Weight.....	65(H) x 55(W) x 60(D) including pins. 0.13 kg each
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)	Output Current	Maximum Output Power
SPU12B-101	4 VDC	3~5 VDC	3.3~2 A	10 W
SPU12B-102	5 VDC	5~6 VDC	2.0~1.66 A	10 W
SPU12B-103	7 VDC	6~8 VDC	1.66~1.25 A	10 W
SPU12B-104	9 VDC	8~11 VDC	1.5~1.09 A	12 W
SPU12B-105	12 VDC	11~13 VDC	1.36~1.15 A	15 W
SPU12B-106	15 VDC	13~16 VDC	1.15~0.93 A	15 W
SPU12B-107	18 VDC	16~21 VDC	0.93~0.71 A	15 W
SPU12B-108	24 VDC	21~27 VDC	0.71~0.55 A	15 W
SPU12B-109	30 VDC	27~33 VDC	0.59~0.48 A	16 W
SPU12B-110	36 VDC	33~40 VDC	0.45~0.37 A	15 W
SPU12B-111	48 VDC	40~50 VDC	0.37~0.30 A	15 W

Mechanical Details



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