

+15 VDC Wall-Mount Switching Power Supply

Model USBPS

Description

The **USBPS** is a switching power supply. It is a small, lightweight, wall-mount power supply that provides a regulated output of +15 VDC @ 1.0 A from a 100-120 VAC @ 1.0 A maximum input. The USBPS has a hollow plug with the inside contact as +15 VDC and the outer sleeve as GND. The cord is approximately 6 feet in length.

Compatibility

The USBPS is intended to be used with B&B Electronics **Model UISOHUB4**, an optically isolated four port USB hub.

Features

- Two pole USA plug
- Compact size, lightweight
- High reliability, high efficiency
- High isolation voltage
- Built-in EMI filter, low ripple noise
- Short circuit protection
- Over voltage/over load protection



Specifications

Input Voltage	100-120 VAC
Input Frequency	47-63 Hz
Output Voltage	+15 VDC \pm 3% (at rated input/output)
Ripple Voltage	150 mV or less (at full load)
Withstanding Voltage	3000 VAC between primary and output terminal for 1 min
Efficiency	75%
Hold Up Time	12 ms @ full load, nominal line
Overload Protection	Pulsing mode, auto recovery
Over Voltage Protection	105% - 145%
Inrush Current	Cold start, 20 A maximum
Operating Temperature	0-40°C (32-104°F) @ 100% load
Operating/Storage Humidity	20-90% relatively humidity
Safety Standards	UL 1950, CSA 22.2, T-mark
Dimensions	2.9 x 1.9 x 1.6 in (74 x 49 x 41 mm)
Plug of DC output	2.1 x 5.5 x 9.5 mm with center "+" & sleeve "-"
Length of Output Cable	180 cm (typical)

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