



# PSVHP Series

## DATA SHEET

### High Output Switching Power Supplies

#### Features

- High Power and rugged design
- Short Circuit , Over-Voltage, Over-current Protection
- 115VAC or 230VAC Wire Terminal Input
- 65VDC 18A Threaded Stud Output
- -40C to +60C Operating Temperature

#### Applications

- Outdoor UPS Systems
- Wireless Base Stations
- IP Phone and Security Camera Systems
- Telecommunications



65VDC 18A 1200W AC to DC Switching Power Supply

#### Description

The PSVHP Series high power switching power supplies have an impressive output capacity up to 1200W. They can run on 115VAC or 230VAC (selectable) single phase AC power. The output is 65VDC @ up to 18A. The units are designed to operate outdoors in a weatherproof enclosure. They have conformal coated circuits to protect against moisture and are capable of -40C to +60C operating temperature. The units can be wall mounted using existing holes in the housing or DIN rail mounted using an optional DIN Rail bracket.

#### Specifications

	PSVHP-65-1200
<b>Input Operating Range</b>	115VAC (90-130VAC) or 220VAC (210-265VAC) (selectable) ; 47-63Hz
<b>Input In-rush Current</b>	60A Max
<b>Input Current</b>	12A @ 115VAC ; 6A @ 220VAC Max
<b>Output Voltage</b>	65 VDC +/-5%
<b>Cont. Load Current</b>	18A
<b>Ripple / Noise</b>	1% / 5%
<b>Efficiency</b>	90% Minimum
<b>Dielectric Strength</b>	1800V rms / 50Hz, 1 sec, 10mA Max
<b>Protection</b>	Short Circuit, Over-Voltage, Over-Current, Over Temperature
<b>Safety Standards</b>	UL 60950-1, CUL 22.2 No.60950-1-03, TUV EN60950-1
<b>EMI Standards</b>	FCC PART 15 CLASS B, EN55022 CLASS B, CISPR 22 CLASS B
<b>Operating Temp</b>	-40°C to 60°C (-40°F to 140°F)
<b>Operating Humidity</b>	5% to 90% non- condensing
<b>Storage Temp</b>	-40°C to 85°C (-40°F to 185°F)
<b>Case Size</b>	255 x 140 x 79mm (10 x 5.5 x 3.1")
<b>Weight</b>	2.4 Kg (5.2 Lb)
<b>Warranty</b>	3 Years



*Back View with Cooling Fans*



*DIN Rail Mountable with optional DIN rail Mounting Bracket*

### **System Ordering:**

**PSVHP-65-1200** 115/230VAC In, 65VDC 18A Output High Performance Switching Power Supply

**For further information contact:**

[Tyconsystems.com](http://Tyconsystems.com)



14641 S 800 W Ste A Bluffdale, UT 84065  
PH: 801-432-0003 FAX: 801-618-4220