

HPS5WP

Switching Power Supply/Charger

Description

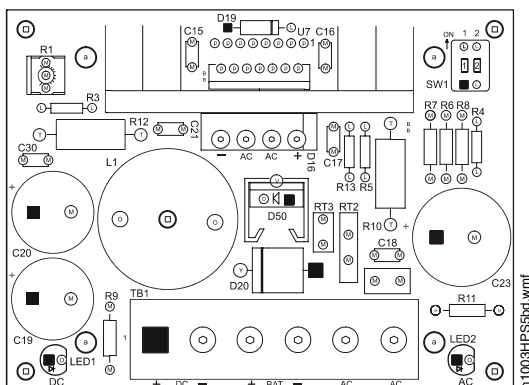
The HPS5WP switching power supply/charger converts low voltage AC input into 6 VDC, 12 VDC, or 24 VDC @ 2.0 A of DC current. This general-purpose power supply has a wide range of applications for access control, security and CCTV systems that require additional power in an outdoor installation. For convenient operation, this power supply unit includes the power supply board (P/N **HPS5**), transformer, NEMA 4X IP66 weatherproof enclosure, and connecting hardware.

Benefits

- An all-in-one power supply and distribution unit enclosed in roomy cabinet.
- Transformer thermal protection limits damage from overloaded circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Comes fully assembled with accessories included for quick installation.
- Enclosure built for durability and product life.
- Power disconnect switch for easy servicing.
- Enclosure is corrosion resistant with a non-metallic body, lockable stainless steel latches, and brass hardware for outdoor use.
- Mounts with hardware to a flat surface, or to a pole using optional **HPTV-PMK** pole-mount kits.
- Instantaneous switchover to standby battery (if equipped) when AC fails, maintaining power to all attached devices without intervention.

LED Diagnostics

Red LED DC	Green LED AC	Status
ON	ON	Normal operation.
ON	OFF	Loss of AC. Operating on standby battery
OFF	ON	No DC output. Short-circuit or thermal overload present
OFF	OFF	No DC output. Loss of AC. Battery discharged or not present.



Specifications

- Switch selectable 6 VDC/12 VDC/24 VDC.
- Power Ratings:
 - Input: 1.0 A at 115 VAC, 60 Hz maximum.
 - Output: 2 A at 6 VDC, 12 VDC, or 24 VDC (rated for environmental conditions beyond normal temperature range)
- Fuse Ratings:
 - AC terminal block: 3.0 A, 5 x 20 mm, 250 VAC fast-blow fuse.
- Includes power supply (**HPS5**), 28 VAC thermally limited 175 VA transformer.
- Thermally limited design.
- AC input (green) and DC output (red) LED diagnostic indicators.
- Temperature range: -40°F to 120°F (-40°C to 49°C); indoor and outdoor use.
- Enclosure dimensions:
 - 12.5" H x 11.5" W x 7.5" D
 - (cm: 31.75 cm H x 29.21 cm W x 19.05 cm D).

Voltage Output Selection

Output Voltage/ Current	SW1	SW2	Transformer Requirements
6 VDC	ON	OFF	24 VAC/50 VA (model HTP2450)
12 VDC	OFF	OFF	28 VAC/100 VA (model 28100)
24 VDC	OFF	ON	28 VAC/175 VA (model HT28175)

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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