

HPTV5DC04WP Series

6, 12 OR 24 VDC WEATHERPROOF CCTV POWER SUPPLY

The Honeywell HPTV5DC04WP Weatherproof Series power supply provides superior protection, performance and value for CCTV installations and other accessories.

The HPTV5DC04WP 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, transformer, NEMA 4X IP66 weatherproof enclosure and connecting hardware.

Market Opportunities

The HPTV5DC04WP is ideal for all dome and box cameras installations that require stable sources of power. The weatherproof series will survive in harsh environments containing harmful elements such as dirt, dust and moisture. This multi-camera power supply can reduce the overall cost of the installation while providing dependable service in extreme conditions.

Features

- Input 120 VAC 60 Hz 1.0 A
- 2.0 A continuous supply current at 6 VDC, 12 VDC (24 VDC @ 2.0 A)
- NEMA 4X IP66 rated polycarbonate enclosure with stainless steel latching hardware
- Switch-selectable for 6 VDC, 12 VDC, or 24 VDC
- Filtered and electronically regulated output
- Input and output transient protection
- Built-in charger for sealed lead-acid or gel-type batteries
- Maximum charge current: 400 mA
- Automatic switchover to standby battery when AC fails
- Transformer has built-in thermal protection
- Circuit-breaker battery protection
- Battery leads included
- Hinged cover



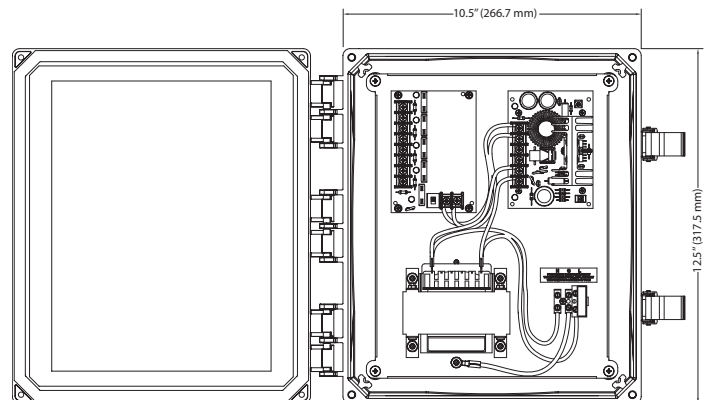
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www.honeywellvideo.com

SPECIFICATIONS

Operational	
Incoming Safety Block	3.0 A, 250 VAC, .2" x .79" (5 mm x 20 mm) glass fuse
Secondary Output Fuse	5 A Automotive style fuse
Load Output Fuse	3 A Automotive style fuses
Diagnostic LEDs	HPS5 Board Green LED ON (AC Power Present) Red LED ON (DC Power Present) HPD4 Board • Input Power LED: (Green) ON indicates that Voltage is present at distribution board • Output Power LEDs: (4 Green) ON indicates that voltage is present at the related output circuit
On/Off Switches	Power on and off to HPD4
Electrical	
Input Voltage	120 VAC @ 1.0 A 60 Hz max
Input Tolerance	+6%, -10%
Output Voltage	6 VDC, 12 VDC, or 24 VDC
Output Current	6 VDC, 12 VDC or 24 VDC @ 2.0 A (rated for environmental conditions beyond normal temperature range)
Grounding	Grounding thru AC input wiring and mounting plate.
Mechanical	
Dimensions (W x H x D)	10.50" x 12.5" x 7.25" (267 mm x 318 mm x 184 mm) NEMA 4X rated
Weight	Unit: Aprox 16 lbs (7.26 kg) Shipping: Aprox 16 lbs (7.26 kg)
Construction	Housing: NEMA 4X IP66 weatherproof enclosure, Finish: Durable finish, cool gray
Cable entry/access	Hinged door with latches

Environmental			
Operating Temperature	Operating: -40°F to +120°F (-40°C to +49°C); indoor and outdoor use Storage:		
Relative Humidity	Up to 85% non condensing		
Regulatory			
Emissions	FCC Part 15 Subpart B		
Recommended Wiring			
Input Wire	12-16 gauge solid wire		
Output Wire	12-22 gauge solid or stranded wire		
Wiring Distance	See Recommended Wiring Distance chart		
Recommended Wiring Distance Chart in feet (meters)			
Total VA Consumed	20 AWG (0.5 mm ²)	18 AWG (1.0 mm ²)	16 AWG (1.5 mm ²)
10	283 (86)	451 (137)	716 (218)
20	141 (42)	225 (88)	358 (109)
30	94 (28)	150 (45)	238 (72)
50	56 (17)	90 (27)	143 (43)
Accessories			
HPTVD4	4 output fused power distribution board		
HPTVD8	8 output fused power distribution board		



Ordering	
HPTV5DC04WP	6, 12 or 24 VDC, 4.0 Amps, 4 Output, Fused, NEMA 4X Enclosure

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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