

# HPL624-12C

## Description

The **HPL624-12C** power supply/battery charger kit converts a low-voltage AC input into 6 VDC or 12 VDC @ 1.20 amps of continuous supply current. This general-purpose power supply has a wide range of applications for access control, security and CCTV systems that require additional power. For convenient operation using line power, this kit includes a HTP1640 plug-in transformer (for 12 VDC operation) and a 12 V 5 Ah rechargeable battery.

## 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.

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## Terminal Identification

Terminal Label	Function/Description
AC AC	Low voltage AC input. (Refer to Voltage Output Selection Table)
- DC +	6 VDC - 12 VDC @ 1.2 amps continous supply current output.
+ BAT -	Stand-by battery connections Maximum charge rate 500 mA.

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## Electrical Specifications

- Switch-selectable for 6 VDC or 12 VDC.
- 1.20 A continuous supply current at 6 VDC/12 VDC.
- Filtered and electronically regulated output.
- Built-in charger for sealed lead-acid or gel-type batteries.
- Maximum charge current: 500 mA.
- Automatic switchover to standby battery when AC fails.
- Thermally limited design.
- Circuit-breaker battery protection.
- AC input and DC output LED diagnostic indicators.
- Battery leads included (5A/12V battery not included).
- Temperature range 32°F to 120°F (indoor use only).
- *Dimensions:*  
3.0" D x 4.0" W x 1.5" H  
(cm: 40.64 H x 30.88 W x 7.62 D).
- Green AC LED.
- Red DC LED.

## Voltage Output Selection

Output Voltage/Current	SW1 <i>On=Up</i>	SW2 <i>On=Up</i>	Transformer Requirements
12 VDC @ 1.2 A	ON	ON	16.5 VAC / 40 VA (model HTP1640, <i>included</i> )
6 VDC @ 1.2 A	ON	OFF	12 VAC / 20 VA (model HTP1220, <i>sold seperately</i> )

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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. For more information, contact Honeywell Power Products.

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