

when power is applied and an overcurrent condition (2.0 amps or more) exists.

**WARNING** Continued operation in an overload condition will cause premature power supply failure.

- 5 Channel Overload LEDs — These rear panel LEDs light red to indicate that an overcurrent condition (0.6 amps or more, or a short circuit) exists for the associated output. When the Channel Overload LED lights for a specific output, that output is switched off.

## Specifications

Power input .....	100VAC to 240VAC, 50/60 Hz, 31 watts, internal, auto-switchable
Power output .....	(10) 12VDC outputs (maximum current of all outputs 2.0 A )
Temperature/humidity .....	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +113°F (0° to +45°C) / 10% to 90%, non-condensing
Rack mount .....	Yes, with optional rack shelf, part #60-190-01
Enclosure type .....	Metal
Enclosure dimensions .....	1.75" H x 4.4" W x 8.5" D 4.4 cm H x 11.2 cm W x 21.6 cm D
Product weight .....	1.0 lbs (0.5 kg)
Shipping weight .....	3 lbs (1.4 kg)
Vibration .....	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings: .....	UL, CUL
Compliances: .....	CE
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** Specifications are subject to change without notice.



## User's Guide



## P/S 100 Universal 12VDC Power Supply

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# Installation

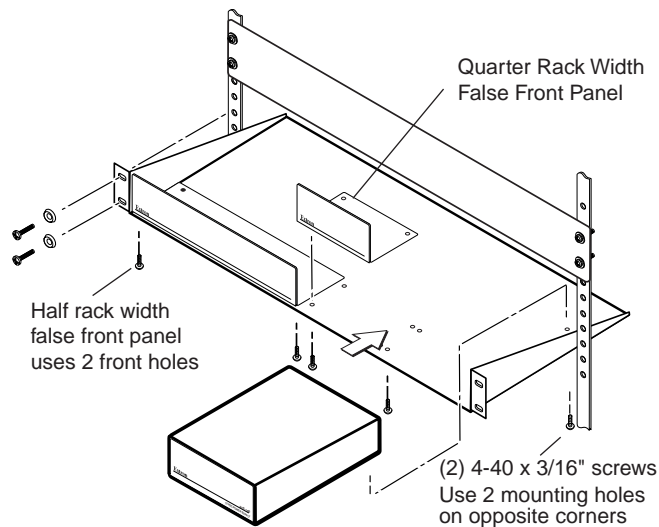
## Description

The Extron P/S 100 is a 12VDC 2.0 A universal power supply with ten separate outputs on two 10-connector, 3.5mm captive screw connectors. The outputs are rated at 12V, 200 mA each. The universal power supply can power up to ten devices that require 12VDC external power, such as some Extron interfaces and products in the VersaTools™ line of basic distribution amplifiers, switchers, and associated video accessories.

The rack mountable P/S 100 has an internal auto-switchable power supply that can accept 100VAC to 240VAC at 50 Hz to 60 Hz.

## Installation

For optional rack mounting, mount up to four P/S 100s on a 19" 1U Universal Rack Shelf (Extron part #60-190-01) (figure 1).

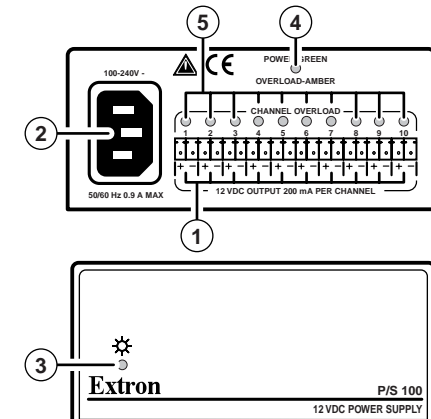


**Figure 1 — Rack mounting the P/S 100**

1. Mount the P/S 100 on the rack shelf, using two 4-40 x 3/16" screws in opposite (diagonal) corners.
2. If necessary, mount the half rack width false front panel (included with the Universal Rack Shelf) and/or the quarter rack width false front panel (included with the P/S 100) to the shelf, using two 4-40 x 3/16" screws in the front holes for each panel.

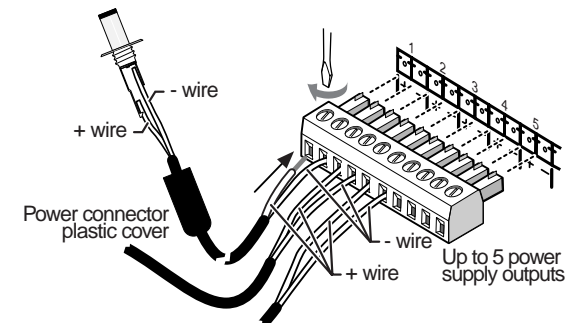
## Rear Panel Connections

- ① Connect the power cables from the various devices that will receive power from the P/S 100 to the 3.5mm captive screw connectors (included) (figure 2).



**Figure 2 — P/S 100 front and rear panels**

Each captive screw connector has ten poles and can support up to five power supply outputs (figure 3).



**Figure 3 — Connecting power cables to P/S 100**

- ② Plug in the P/S 100.

## Indications

- ③ **Power LED** — This front panel LED (figure 3) lights to indicate that the P/S 100 is receiving power.
- ④ **Power/Overload LED** — This rear panel LED lights green when power is applied and is normal, and lights amber