

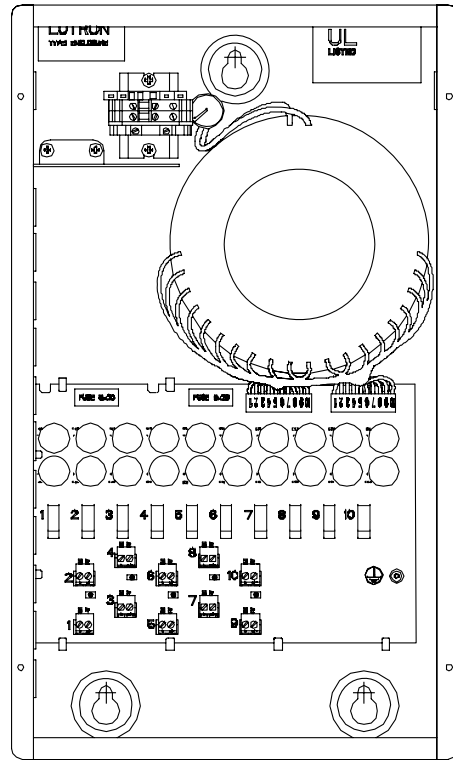
# Sivoia QS Wireless | 120 V power supply Panel

The Sivoia QS Wireless Power Supply Panel is a 24 V<sub>DC</sub> hardwired power supply that is used with Lutron® QS Wireless shading devices. QSPSY-P1-10-60 simplifies the wiring and organizes installations that require multiple power supplies. Each panel contains ten 30 W (60 W peak) power supplies, designed for use with Lutron QS Wireless shading devices.

QSPSY-P1-10-60 is designed to be hard wired into a standard 120 V<sub>AC</sub> circuit. The panel contains fuses on each output to protect the device in the event of a miswire.

### Features

- 24 V<sub>DC</sub> supply that provides power to shades, blinds, and drapery drive units
- Simple wiring scheme uses 2-conductor low voltage link to provide power to QS Wireless electronic drive units
- Terminal block wire connections for easy installation
- 10 output panel provides power for 10 to 30 shades based on shade dimensions
- LED's provide output status feedback



QSPSY-P1-10-60  
10 output Power Supply Panel

Job Name:	Model Numbers:
Job Number:	

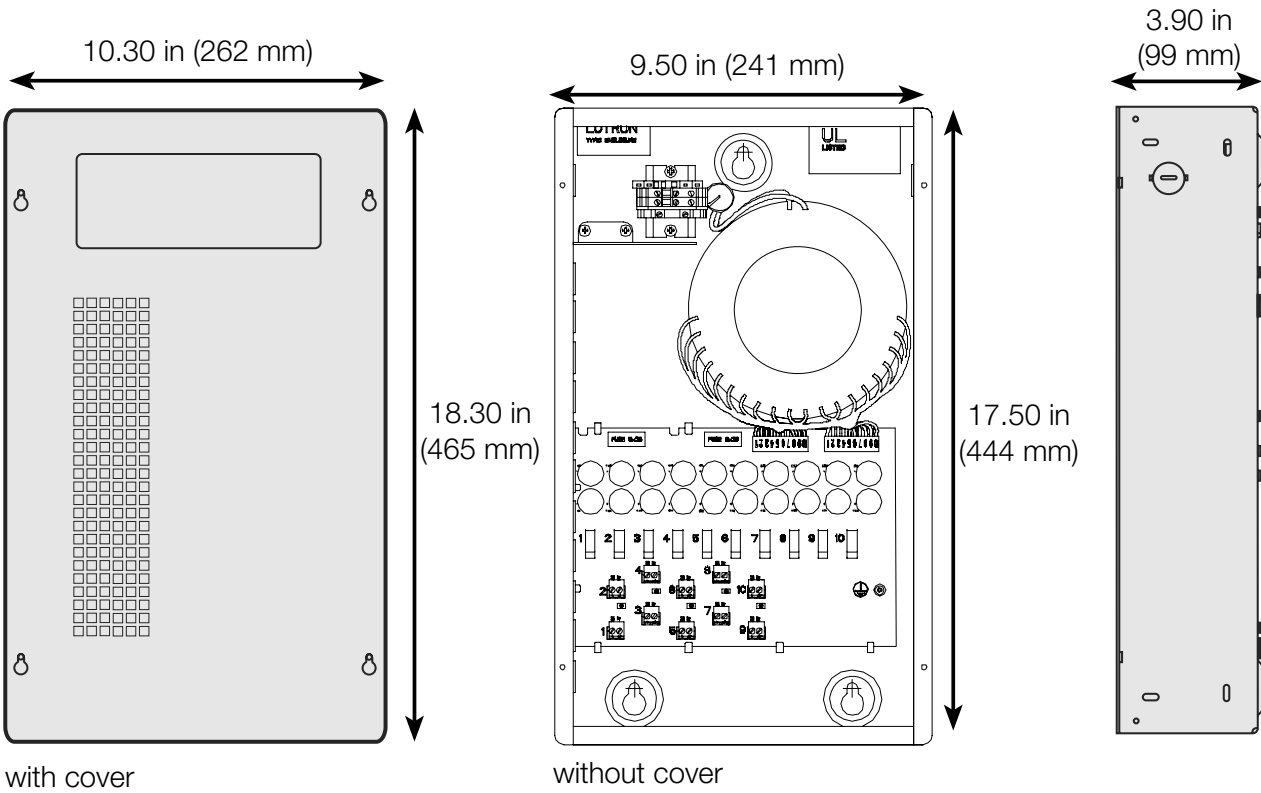
## Specifications

Input Voltage	120 V~
Input current per QSPSY-P1-10-60	8 A (35% duty cycle) or 4.6 A (continuous)
Output Voltage	24 V===
Output Current	2.5 A (35% duty cycle) or 1 A (continuous)
Operating Frequency	60 Hz
ESD Protection	(+/-) 16kV
Miswire Protection	Fuse on each output 2 spares included (5x20 mm, 2.5 A fast acting fuse)
Wiring	Input wires to 120 V~ supply, output wires to Lutron QS Wireless shade, blind, or drape drives
Wiring type	Input wires: 10-14 AWG (6-2.5 mm <sup>2</sup> ) stranded  Output wires: 2 conductor 12-18 AWG (4-1 mm <sup>2</sup> ) stranded
Connections	Terminal blocks
Maximum QSPSY-P1-10-60	1 panel per dedicated 15 A circuit Note: use only high magnetic breakers
Maximum QSPSY-P1-10-60	2 panels per dedicated 20 A circuit Note: use only high magnetic breakers
Maximum feed breaker size	30 A
Weight	25 lbs (11.3 kg)
Regulatory Approvals	UL Listed: #E42071 (Industrial Control Equipment) UL Listed: #E135084 (Draper Operator) CSA: 1658313
Industrial Control Equipment	Limited Voltage/Limited Current Circuit (NEC® approved class 2 power source)

<b>Job Name:</b>	<b>Model Numbers:</b>
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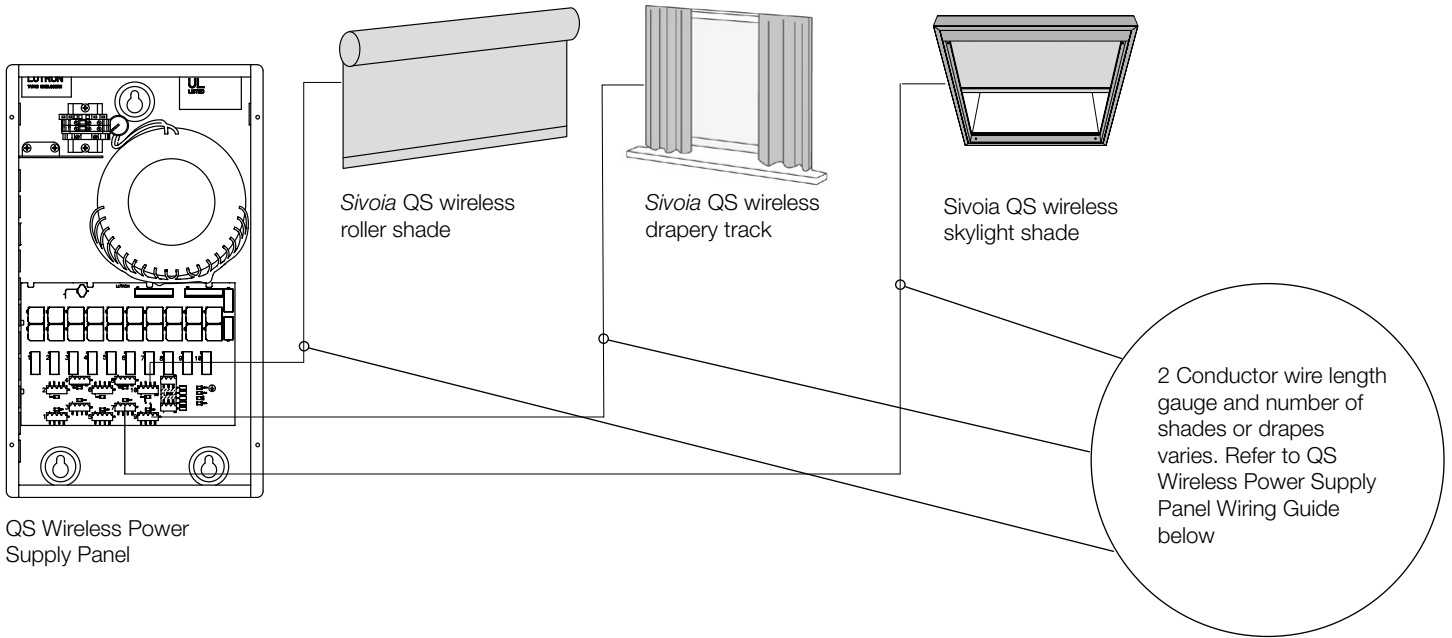
### Dimensions

QSPSY-P1-10-60



Job Name:  Job Number:	Model Numbers:
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# System Wiring Overview: QS Panel Power Supply



QS Wireless Power Supply Panel

Job Name:	Model Numbers:
Job Number:	

## QS Power Panel Link Rules

The following QS Power Panel Link rules must be observed for proper operation:

1. Maximum 2000 ft (600 m) of cable to devices from each QS Panel power supply (all 10 outputs combined)

**Note:** Secondary wiring must be of type CL2, CL2P, CL2R, CL2X or other cable with equivalent or better electrical, mechanical, and flammability ratings in accordance with local and national electric code.

Wiring Guidelines for Power Panel Outputs (x10)				
Maximum devices per one output (panel provides up to 10 outputs)		Maximum distance per one output based on wire gauge***		
Shades	+ Devices	Pins 1 and 2 (Voltage and Common)		
		12 AWG 4 mm <sup>2</sup>	16 AWG 1.5 mm <sup>2</sup>	18 AWG 1 mm <sup>2</sup>
None	Up to 50 power draw units**	1250 ft (375 m)***	500 ft (150 m)***	250 ft (75 m)***
None	Up to 25 power draw units**	2000 ft (600 m)***	1000 ft (300 m)***	600 ft (175 m)***
1 Sivoia® QS shade	Up to 1 power draw unit**	500 ft (150 m)***	200 ft (60 m)***	125 ft (35 m)***
2 Sivoia® QS roller 64, ≤ 30 sq ft (2.75 sq m) each		200 ft (60 m)***	75 ft (20 m)***	50 ft (15 m)***
3 Sivoia® QS roller 64, ≤ 20 sq ft (1.8 sq m) each				
2 Sivoia® QS roller 100, ≤ 50 sq ft (4.6 sq m) each				

### Important Notes:

\*\* One Power Draw Unit (PDU) = 1 QS wall station. See document 369-405 for a list of PDUs per product.

\*\*\* Maximum 2000 ft (600 m) of cable for all 10 outputs combined.

Job Name:	Model Numbers:
Job Number:	