

Mounting Requirements, Specifications, and Wiring

— 16 Shade DC Power Supply —



WARNING:

To reduce the risk of fire, electric shock, or injury to persons, electrical wiring must be done by a qualified person in accordance with all applicable codes and standards.

The 16 Shade DC Power Supply utilizes low voltage wiring to provide power to up to 16 PowerView® or SoftTouch® shades. It is compatible with both PowerView Gen 3 and Legacy PowerView products.

Power Supply Specifications

■ **Input:** 120V AC, 6A **Output:** 18V DC, 90W **Wire compatibility:** 12 – 18 AWG wire **Circuit class:** 2

Enclosure Dimensions

■ **Length:** 10" (without mounting feet) or 12¼" (with mounting feet) **Width:** 10" **Depth:** 4¼" **Weight:** 10 lbs.

Low-Voltage Wiring Requirements

All low-voltage wiring used with this power supply is recommended to have a **Class 2** flammability rating and is also recommended to meet **VW-1** and **FT-1** flame rating standards. Please see the table below for maximum wire run distances between the power supply and the window covering by wire size.

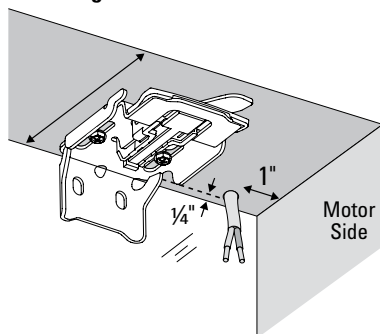
Power Supply Mounting Requirements

- Can be surface or recessed mounted.
- Must be secured to an appropriate mounting surface such as studs or solid wood.

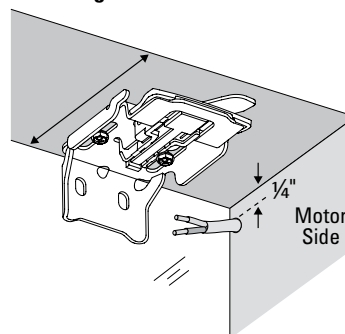
Maximum PowerView® or SoftTouch® Motorized Window Treatments per Output	Maximum Distance per Output Based on Power Conductor AWG			
	12 AWG	14 AWG	16 AWG	18 AWG
One Window Treatment	1500 feet	800 feet	300 feet	300 feet



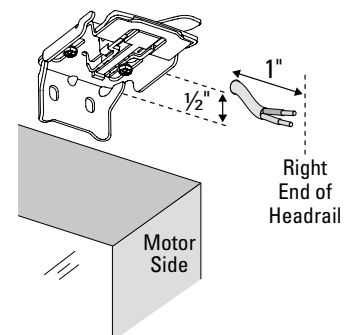
INSIDE MOUNT — Wiring from the Head Jamb



INSIDE MOUNT — Wiring from the Side Jamb



OUTSIDE MOUNT



NOTE: Before mounting shade installation brackets, installers will also need to ensure that the bracket mounting location allows room for the cable from the shade motor to fit behind the shade without interfering with operation. This requirement varies depending on product type, but for shades that roll up into a headrail or cassette, 3/8" clearance is needed to accommodate the power cable.



WARNING:

Do not place more than **two** 16 Shade DC Power Supplies on a single home circuit with a 15 amp breaker.

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