

# WireFree™ Li-ion Solar Panel

## Optimized Performance Recommendations

### OPTIMIZED LIGHT TRANSMISSION

Sunlight has to transmit through window opening to optimize performance

- Mount solar panel on inside of window only.
- Favor South, East and West window orientations as Northern exposures typically do not provide adequate sunlight transmission.
- Remove window tinting from the solar panel area to increase exposure to direct sunlight.

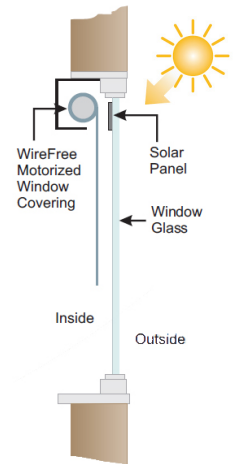
**WireFree™ Li-ion Solar Panel**  
11.8" (300mm) x 1.6" (40mm)



**Li-ion Rechargeable Battery**  
9.8" (250 mm) x 1" (25 mm)



*\*For use with External Battery Motors*



### THINGS TO AVOID

- Anything that blocks sunlight
- Tinted windows
- Overhangs, deep roof eaves
- Awnings
- Vegetation such as trees
- Significantly large blinds
- Highrise buildings
- Congested, city-center areas



**AVOID:** Awnings or deep roof eaves







**AVOID:** Vegetation blocking light

### THINGS TO CONSIDER

- Size of window covering
- Weight of window covering
- Direction of the sun  
*Ask: Where do you get the most direct sunlight?*
- One solar panel per window covering required
- Fully charge Li-ion motor or external battery before initial use
- Frequent operation impacts battery charge in low light conditions\*

*\*optional wall charger available*

### MOUNTING CONSIDERATIONS

				
	FIXED WINDOW	DOUBLE HUNG	SLIDING	CASEMENT
MOVING WINDOW				
WINDOW MOUNT	✓	✗	✗	✗
BRACKETING	✓	✓	✓	✓