

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.

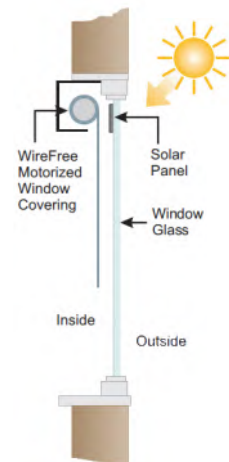
WireFree™ Li-ion Solar Panel
11.8" (300mm) x 1.6" (40mm)



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

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