



Wirefree Li-ion Solar Panel

Part #1049464

The Li-ion Solar Panel provides a safe, convenient charging option, reducing end user maintenance for Li-ion powered wirefree motorized shade systems. This latest innovation from Somfy offers a green alternative for powering wirefree motorized window coverings, which eliminates annual battery replacement and disposal.

BENEFITS OF LITHIUM-ION AND SOLAR CHARGING

Innovative, safe, & long-life lithium-ion battery technology provides best in performance.

Minimized maintenance automatically charges Li-ion batteries.

Convenient and cost-effective with no need to replace or discard disposable batteries.

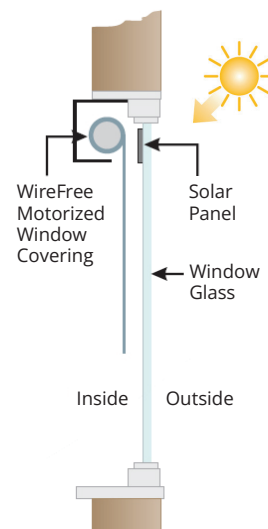
Easy installation minimizes installation time and associated costs:

- Simple plug and play
- Does not require an electrician

Compatible with many types of shades and blinds.

HOW IT WORKS

The solar (photovoltaic) panel is simply mounted on the inside of the window opening and converts the sun's light into electrical energy. The harnessed electrical energy is stored within a Lithium-ion (Li-ion) battery which powers Somfy wirefree solutions for shades and blinds. Depending on the type of motorized window covering, the battery can be either embedded in the motor or mounted externally.



COMPATIBLE PRODUCTS

WireFree Li-ion motors (with embedded Li-ion battery)

Sonesse® 40 WireFree RTS (Li-ion)

Sonesse® ULTRA 30 WireFree RTS (Li-ion)*

External Battery motors (using Li-ion Battery Pack)

Sonesse® 28 WireFree RTS

*manufactured after March 2020

CONFIGURATION OPTIONS

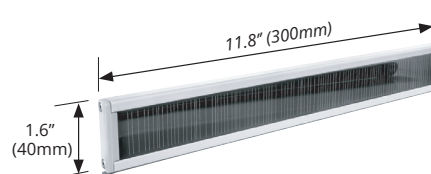
Fig. 1) WireFree Li-ion motors (embedded battery)



Fig. 2) WireFree motors (external battery)



DIMENSIONS OF SOLAR PANEL



WHAT'S INCLUDED

Each lithium-ion solar panel kit consists of the following

Solar panel



Solar panel mounting kit with screws



Glass mount adhesive & alcohol swab



Wirefree Li-ion Solar Panel

OPTIMIZED PERFORMANCE

Things to consider

- Solar panel must be exposed to direct sunlight.
- Sunlight must transmit through window opening.
- Windows facing East/South/West provide increased sun exposure.*
- Only one solar panel is required per motorized window covering.
- Mount solar panel on inside of window only.
- Remove window tinting from solar panel area.
- Check your environment for anything that blocks sunlight
 - Overhangs, deep roof eaves
 - Awnings
 - Insect screens
 - Large trees or vegetation
 - Highrise buildings

*Optional plug-in wall charger available if needed.

PART LIST







SOLAR PANEL

PART NUMBER	DESCRIPTION	CONTENT
1049464	WireFree Li-ion solar panel kit	1 Solar panel, mounting clips, adhesive tape and alcohol swab

OPTIONAL ACCESSORIES

PART NUMBER	DESCRIPTION	CONTENT
1019535	External Li-ion battery pack	External Li-ion battery pack
9016736	Battery extension cable (48")	1 Extension power cable connects between (Li-ion) battery pack and motor Ref. Fig 2

WINDOW MOUNTING GUIDELINES

MOVING WINDOW	 Fixed Window	 Double Hung	 Casement
Window Mount	✓	✗	✗
Bracketing	✓	✓	✓
MOVING WINDOW	 SlidingB	 ug Screen	 Bug Screen
Window Mount	✗✗		✗
Bracketing	✓	✗	✓