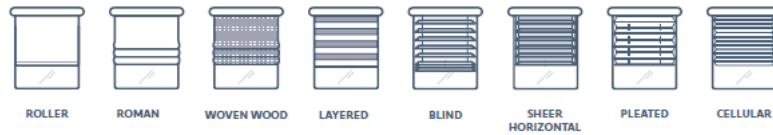


Minimize maintenance with Somfy solar charging options for WireFree™ motors










The new Li-Ion solar panel harnesses solar energy to power WireFree™ motorized window shades and blinds.

Li-Ion technology from Somfy offers a safe and last recharging option, minimizing frequency of recharge.

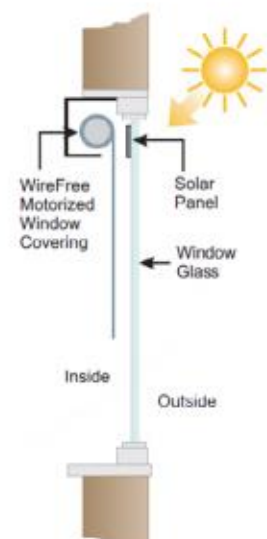


Benefits:

-  **Safe, long-life Lithium-Ion battery** provide best-in-class performance
-  **Minimized maintenance** of rechargeable Lithium-Ion battery
-  **Convenient and cost-effective** – reduces frequency of recharge
-  **Easy installation** – minimizes installation time and costs:
 - Does not require an electrician (no wiring)
 - Built-in Li-Ion battery, no need to install external batteries
-  **Compatible with all types of shades and blinds**

How does it work

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 motor, the Li-Ion battery pack can be either embedded in the motor or external.



Compatibilities

WF Li-Ion motors (with embedded Li-Ion battery)

- ✓ Sonesse 28 WF Li-Ion (V2) *
- ✓ Sonesse Ultra 30 WF Li-Ion (V2) *

* manufactured after **March 2020**

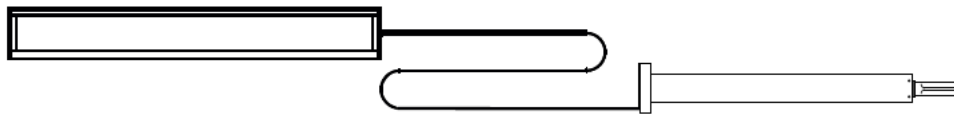
WF motors (when used with external Li-ion battery pack, 9021217)

- ✓ Roll Up / Altus 28 WF
- ✓ Sonesse 28 WF
- ✓ Tilt & Lift 25 WF Central
- ✓ Tilt Only 50 WF Central

Configuration options

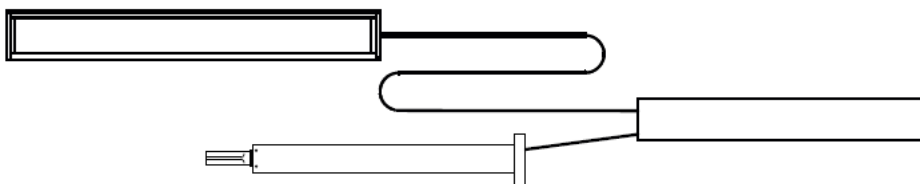
1) WF Li-Ion motors

In case of built-in Li-Ion battery motors



2) WF motors

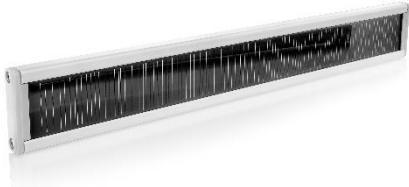
In case of motors powered by an external Li-Ion battery pack



What is included

Each WF Li-Ion solar panel consists of the followings:

Solar panel



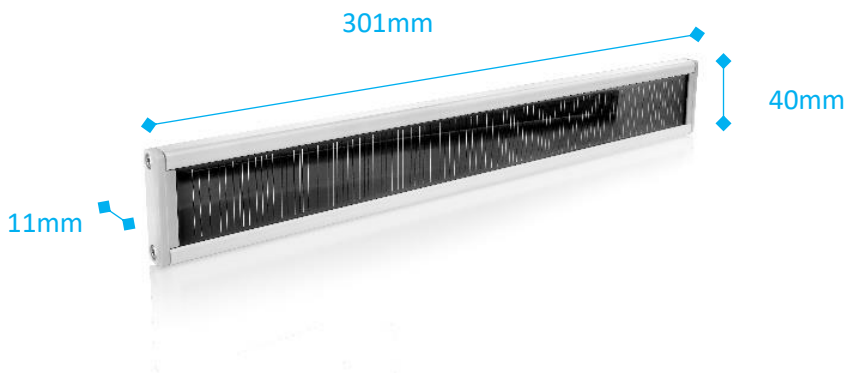
Solar panel mounting bracket kit



Glass mount adhesive & alcohol swab



Dimensions



Optimized performance recommendations

Optimized light transmission

Sunlight must transmit through window opening to optimize performance




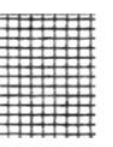
- Mount solar panel on inside of window only;
- Favor South, East and West window orientations as Northern exposures typically do not provide adequate sunlight transmission;
- Peel removable window tinting from solar panel area only.

Things to consider

- Size of window covering;
 - Weight of window covering;
 - Direction of the sun:
 - Ask: Where do you get the most sun;*
 - One solar panel per window covering required;
 - Fully charge battery before initial use;
 - Frequent operation impacts battery charge in low light conditions. *
- *optional wall charger available*

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	WINDOW DIVIDERS OVERLAPPING SOLAR PANEL
Avoid		
	VEGETATION BLOCKING LIGHT	BUG SCREENS

Window mounting guidelines

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

Part list

Solar panel

PART NUMBER	DESCRIPTION	CONTENT
9025293	WF LI-ION SOLAR PANEL	1 Solar panel for Li-Ion motors + wall mount clips, adhesive tape + alcohol swab
9015897	SOLAR PANEL MOUNTING BRACKETS	Solar panel mounting brackets
9018115	ADHESIVE TAPE & ALCOHOL SWAB	Adhesive tape & alcohol swab for solar panel

Optional accessories

PART NUMBER	DESCRIPTION	CONTENT
9021217	EXTERNAL LI-ION BATTERY PACK	10 Li-ion battery packs in white Somfy casing, 10 leaflets
9021016	240 CM EXT. CABLE FOR LI-ION	1 extension cable for Li-ion motors (240 cm)
9021131	20 CM EXT. CABLE FOR LI-ION	1 extension cable for Li-ion motors (20 cm, for cassette applications)
9018623	25 CM EXTENSION CABLE	25 cm extension cable for external battery motors
9016736	120 CM EXTENSION CABLE	120 cm extension cable for external battery motors
9018624	240 CM EXTENSION CABLE	240 cm extension cable for external battery motors