

5830 Skylight Installation with Solar Smart

Skylight & Solar Smart Installation

- 1. Remove the Solar Smart battery cover and plug the battery pack into the operator.
- 2. Using the manual buttons inside the battery cover, open the skylight a few inches in case needing exterior access later.
- 3. Place the opened skylight on to the curb.
- 4. Attached the Mounting Clips to the Solar Panel Mounting Bracket.
- 5. Snap the Solar Panel to the Skylight's Cap with the Mounting Clips.

The Solar Panel is typically installed on the upper edge of the skylight, but can be installed on a side edge as well. Choose the side which will provide the best solar exposure.

- Rotate the Solar Panel for optimal Sun exposure, then tighten down. Angling towards the South is typically best, or straight up when not South facing.
- 7. Secure the Solar Panel Wire with Cable Ties and the Adhesive Tabs.
- Before fastening the Skylight to the curb, be sure to maintain an equal reveal on all sides, centering the skylight on both directions.
- Push down on the skylight to compress the curb tape and secure the skylight to the top of the curb using the provided fasteners at the pre-drilled holes of the base frame. Do not over tighten. Do not install fasteners on the hinge side of the frame.
- 10. Check Solar Charge Rate (mA) to ensure the Solar Panel is connected properly to prevent future dead battery issues.

Minimum Solar Charge (mA) readings in SUMMER MONTHS

Overcast Conditions: 20 mA minimum (30+ mA typical) Blue Sky Conditions: 60 mA minimum (80+ mA typical)

Minimum Solar Charge (mA) readings in WINTER MONTHS

Overcast Conditions: 10 mA minimum (20+ mA typical) Blue Sky Conditions: 30 mA minimum (40+ mA typical)

