

Securitron® BPSS Solar Boxed Power Supply

Clean power meets green power



The BPSS is the only out-of-the-box solution specifically designed for remote electric lock control where conventional power is impractical or not available.

This complete solar power system powers most single-point access control device and fail secure lock (intermittent duty only) by producing sustainable solar and battery operated power. Select the BPSS-10 or BPSS-20 (10 or 20 charging watts respectively), based on solar activity in the area/region where you're installing.

Features

Standard Features

- Works with most fail secure electric locks
- Works with most keypads or card readers
- Operates outdoors
- 100% solid state solar controller comes with anodized aluminum case and marine-rated terminals
- Low voltage battery monitor protects batteries from deep discharge
- High-efficiency photovoltaic panels use silicon nitride multicrystalline cells
- Green charging LED indicator
- Comes with mounting brackets for enclosure and solar panel
- Approved for use in hazardous locations—Class 1, Division 2, Groups A, B, C, D
- SecuriCare 3-year, no fault, no questions asked warranty

Optional Features

- Mounting brackets available for fence/pole mounting (to 3" diameter)
- Wind kit available for high wind areas
- Available in 10W and 20W versions

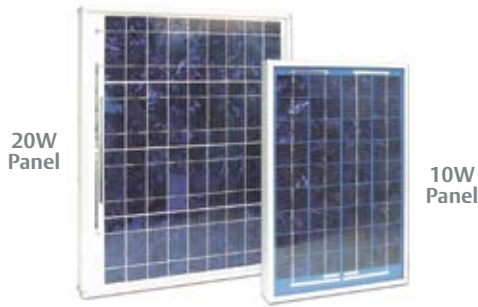


SecuriCare
Warranty



Battery
Backup

Dimensional Images



Specifications

Solar Panels

- **Size**
 - BPSS-10: 14-1/2" x 12-3/16" x 11/16"
 - BPSS-20: 22" x 14-3/16" x 11/16"
- **Rated Power**
 - BPSS-10: 10 Watts
 - BPSS-20: 20 Watts
- **Panel Weight**
 - BPSS-10: 3.3 lbs [1.5kg]
 - BPSS-20: 5.5 lbs [2.5kg]

Dimensions

- Outdoor (NEMA-3R)
- **Enclosure:** 12-1/2" x 13-5/8" x 4-7/16"

Standard Enclosure Brackets

- Accommodates up to 2" diameter pole/post

Electrical

- **Output Voltage:** 14.4 VDC max
- Maximum 125 mA continuous, 1A maximum operating the locking device - intermittent duty only. Number of daily lock operations will vary due to solar activity and current draw

Operating Temperature

- -4 to +113F [-20 to +45C]

Operating Temperature

- **Panels:** -40 to +185F [-40 to +85C]

Shipping Weight

- 15 lbs [6.8kg]

How to Order

Model Series	Solar Panel Output
BPSS	— 10
BPSS Solar Power Supply	10 10 Watts
	20 20 Watts