

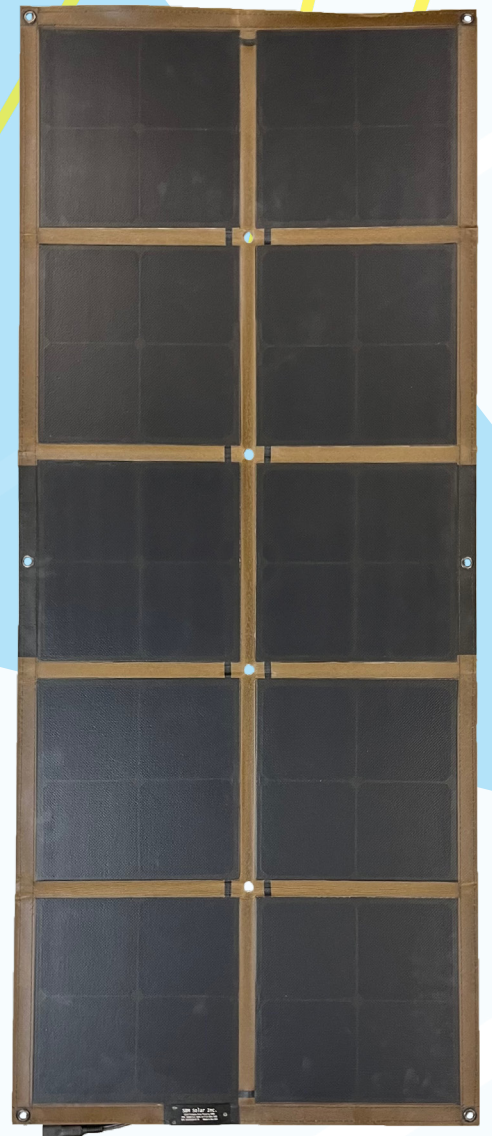
SBM 120W Solar Panel Specification Sheet



P/N: 1600813-3

Main Features

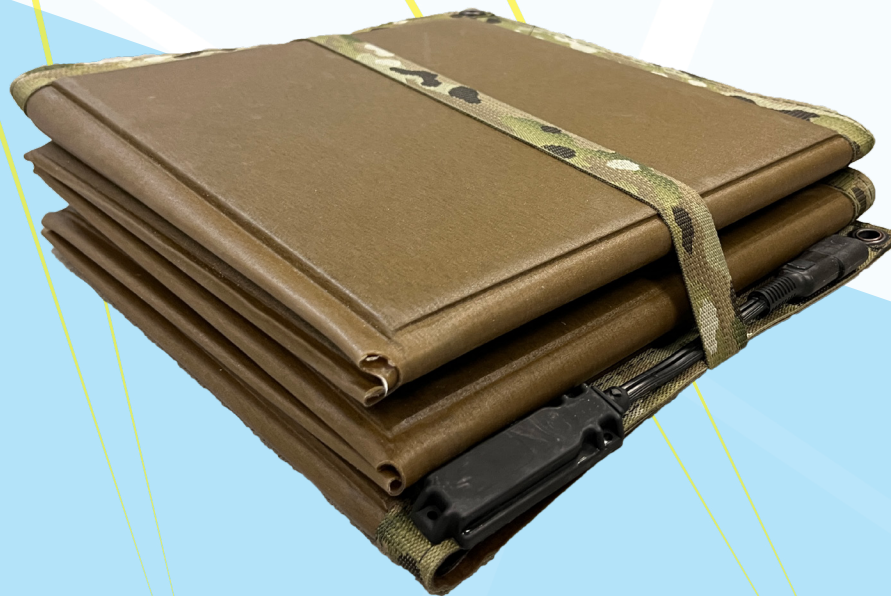
- Easy to stow, transport, set up, and use!
- Bypass diodes minimize affects from damage or shading.
- Rugged construction and high-efficiency solar cells allow for high power collection in all environments.
- SAE connectors that connect to a variety of devices.
- Impact, vibration, temperature, and water resistant.
- Compact folding size saves stowing space.



How to Operate

- Unfold the panel and place it in a sunny spot.
- Attach the panel's SAE connector to your battery or appliance.
- Secure the panel by its grommets with rope or stakes.
- Sit back and let the power come to you!

| Panel Name | SBM Solar 120W |
|---|---|
| Part Number | 1600813-3 |
| Power (W) (Minimum) | 120W |
| Optimum Power Voltage (Vmp) | 22.1 V |
| Optimum Operating Current (Imp) | 5.6 A |
| Open Circuit Voltage (Voc) | 28.1 V |
| Short Circuit Current (Isc) | 5.9 A |
| Solar Cell Efficiency (%) | >24.3% |
| Module Weight | 5.6 lbs. (2.6 kg) |
| Module Dimension (Open) | 58.5" x 24.0" x 0.2" |
| Module Dimension (Folded) | 12.0" x 12.3" x 2.3" |
| Module Area | 9.8 Ft² (0.9 m²) |
| Nominal Operating Cell Temperature | 43 +/-2° C |
| Temperature Coefficient | -0.3%/C |
| Operational Temperature Range | -40°C to -90°C |
| Reverse Current Protection | A Blocking Diode |
| MIL-STD-810G Certified | Yes |
| Manufacture Location | Concord, NC, USA |



Made in the USA

SBM Solar Inc.

8000 Poplar Tent Road, Suite C

Concord, NC 28027

www.sbmsolar.com

704-788-2881 Phone

704-793-1909 Fax