

"Keep the Power On with PowerFilm"

PowerFilm PowerShade Solar Field Shelters

The PowerFilm *PowerShade* is a foldable, durable, and portable solar solution. The solar panels are mounted to a lightweight, weather resistant fabric that easily folds for storage and unfolds for use. The PowerShade is available in 1 kW, 2 kW, and 3 kW power generation. Solar field shelters reduce dependence on fuel-fired generators that are noisy and require a constant supply of costly fuel. PowerShades are used for a variety of purposes, ranging from lighting and ventilation to power for remote bases of operations, disaster relief and communication hubs when grid power is not available. Unmatched durability allows for use in even the harshest environments and PowerFilm's proprietary processes produces a panel that works even after being punctured. Unlike "CIGS" solar technology, PowerFilm A-Si solar modules do not need to be "sun soaked" after storage, they provide critical power immediately when placed in the sun.



- **Durable - military tested**
- **Economical and easy to use**
- **Works in low light conditions**
- **No "sun soaking" required**
- **Power to charge the widest range of electronic devices**

Application Examples:



Battery Charging



Remote Power - GPS Systems



Remote Power - E.O.D. Robots



Remote Power - Night Vision Goggles



Remote Power - † DC Compatible Devices



Remote Power - Power Tools



Remote Power - Laptop Charging



Remote Power - SINCARS

Note - some applications may require additional accessories. Example - PowerFilm recommends use of an inverter and battery for laptop charging.

Specifications*	Solar Operating Voltage (V)	Balance Of Systems Capabilities (B.O.S.)	Crated Weight (lbs./kg)	Clear Span Dimensions (feet/m)	Staked Dimensions (feet/m)
1 kW	15.4 or 30.8	1	850 / 382.5	22 x 20 6.7 x 6.1	38 x 36 11.6 x 10.9
2 kW	15.4 or 30.8	2	1566 / 704.7	22 x 40 6.7 x 12.2	38 x 56 11.6 x 17.1
3 kW	15.4 or 30.8	5	1566 / 704.7	22 x 60 6.7 x 18.3	38 x 76 11.6 x 23.2

* Operating Voltage and Operating Current at AM 1.5. Power performance may vary +/- 10% due to temperature variation, spectral variation, and related effects.