

MILITARY Solar Field Shelters

www.powerfilmsolar.com

Balance of Systems (BOS)



Quadrant (190 W)



Temper Fly (750 W)



PowerShade (2 kW)



DESCRIPTION

PowerFilm® Solar Field Shelters were originally produced for the U.S. Army Natick Soldier Center.

The thin flexible nature of PowerFilm solar panels allows integration with fabric structures of various designs and produces an unparalleled lightweight, flexible and durable solution for remote power.

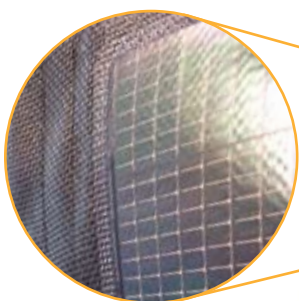
Solar field shelters reduce dependence on fuel-fired generators that are noisy and require a constant supply of fuel.

FEATURES

- Power output from the three tents ranges from approximately 200 watts to 2 kilowatts. Several tents can be joined for additional power.
- The Balance of Systems (BOS) stores and converts the power from the field shelters.
- Used for a variety of purposes, ranging from lighting to ventilation to power for field communication radios, GPS systems, and recharging satellite phones and laptop computers.
- Two kilowatt PowerShade deploys in 5 man hours.

BENEFITS

- Advances Army's goal of reducing dependence on fuel-fired power generators.
- Helps meet the Army's growing demand for rapid-response portable and remote power for weapons and communications systems.
- Reduces risk to soldiers and supplies with shortened logistical tail.
- Helps eliminate the need for noisy generators, bulky fuel, and extra batteries.



PowerShade (1 kW)