



Technical Data Sheet

Military Solar Power Shade

Field Shelter with Integrated Solar Power - 1 Kilowatt



Description

The Military Solar Power Shade field shelter provides 1 Kilowatt of solar power to recharge a bank of batteries, and also provides shade from the sun to reduce solar heat load up to 80-90%. Fits over MGPTS, TEMPER, and ISO Storage.

Developed with Eureka Tents of Johnson Outdoors and FTL Design Engineering Studios.

Applications

Recharge bank of batteries to provide power for lighting, ventilation, field communication radios, satellite phones, laptops, GPS units, etc. Can be combined with inverter to provide 110 volt AC.

Benefits

- It supports rapid deployment and remote locations with quick solar electric power generation.
- Quiet.
- No heat signature.
- Reduces risk and cost of long logistical tail.
- Reduces need for extra batteries.

Features

- Integrates lightweight, rugged TacticalSolar® flexible solar panels directly with fabric.
- Field shelter designed for easy and quick set-up.
- Same rugged pvc-coated tan fabric as standard Temper Fly field shelter.
- Solar panels have matte finish.
- Available in various fabric kinds and colors.

Expected Lifetime

This product is expected to last as long as tents without the integrated solar technology.

Technical Specifications

Full Sun Power Output Rating*	1 Kilowatt (65 Amps @ 15.4 Volts)
Unfolded Dimensions (ft.)	22' x 20' x 10'9"-14'6"
Folded Dimensions (ft.)	28" x 72"
Solar Panel Thickness with Laminate and Adhesive (in.)	15 mils



*Operating Voltage and Operating Current at AM1.5. Power performance may vary +/- 10% due to temperature variation, spectral variation, and related effects.

