



Endurance™ 140F (33V) Portable Solar Panel

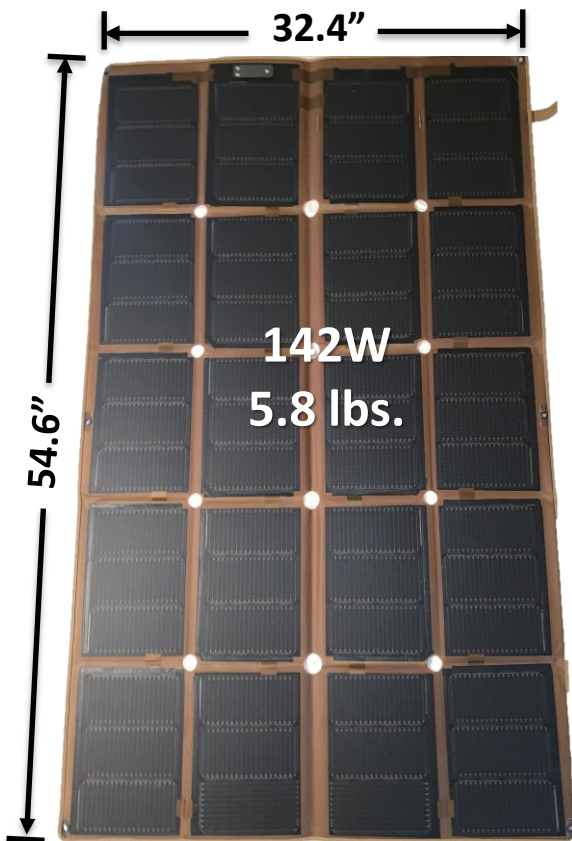
Lightweight Compact Foldable 140-watt / 33-volt Solar Panel

Back-packable Power for Individuals and Teams

Power and Charge Radios, Sensors, End-user Devices, Batteries

Use with MilSpec or Commercial PV Controllers / Power Managers

Quick & Easy Employment

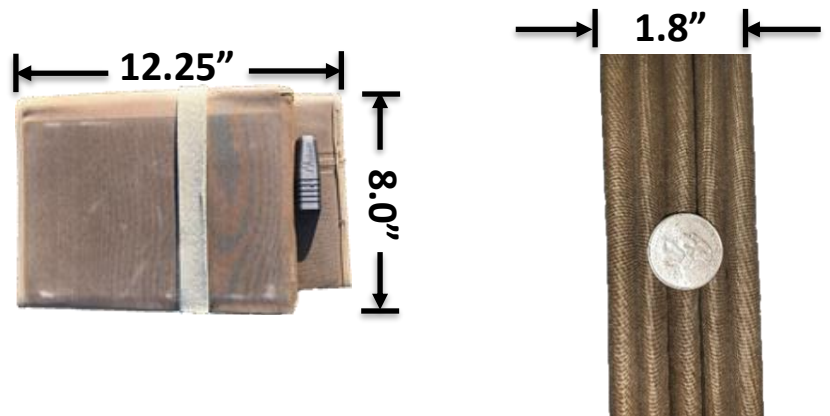


Powerful 140+ Watts in a small footprint

- **Best-in-class shade tolerance!**
- Gang with additional panels for more power
- Enhanced performance in low angle/diffuse light

Simple Integrated SAE connector eliminates redundant cable and snag hassle

Light & Compact Fit in assault pack or ruck



Built Rugged for Military and Off-grid Use

Durable Glass-free; Revolutionary electrical interconnect for lifetime performance/reliability

Weatherproof Protected against dust/water immersion (up to 1 m)

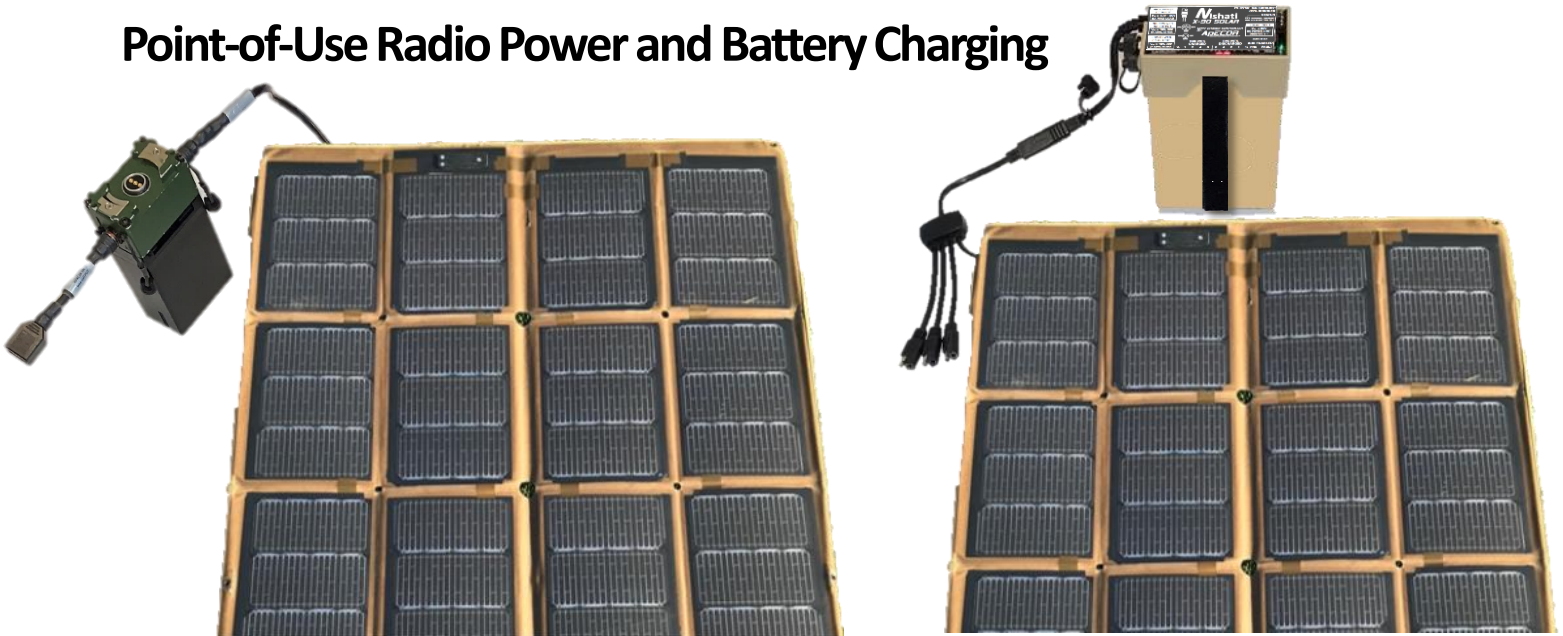
Low maintenance Non-stick surface resists soiling/wipes clean

Low visual signature Non-reflective surface maximizes light capture and reduces visibility; Complete camouflage surface appearance is optional

Nishati Endurance™ 140F (33V)

| Nishati Endurance™ 140F (33V) Specifications | | |
|-------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| General Description | | |
| Part Number | 241286-30 | |
| PV Cells | Mono-crystalline Silicon (mc-Si) PERC (21-23% efficiency) | |
| Cell Quantity | 60 half-cells | |
| Electrical Interconnect | Merlin™ Interconnect | |
| Power Output Connections | (1) Integrated SAE 2-pin | |
| Limited Warranty | 2 years | |
| Module Power Output (+/- 3% at 25°C, AM1.5, and 1000W/m ²) | | |
| Rated Power (Pmax) | 142 Watts (-1%, +3%) | At Standard Test Conditions: Cell temperature 25°C Air Mass 1.5 Solar Irradiance 1000 W/m ² |
| Vmp | 33.04V (±3%) | |
| Imp | 4.32A (±3%) | |
| Voc | 40.12V (±3%) | |
| Isc | 4.69A (±3%) | |
| Module Dimensions | | |
| Folded Configuration (LxWxD) | 12.25" L x 8.0" W x 1.8" D | |
| Deployed Configuration (LxWxD) | 54.6" L x 32.4" W x 0.75" D (panel + JBox) / 0.12" (panel) | |
| Weight | 5.8 lbs. | |
| Environmental | IP67 (Dust proof; waterproof to 1m immersion) | |

Point-of-Use Radio Power and Battery Charging



2200 E. Williams Field Rd. Ste 200
Gilbert, AZ 85295
571-999-3482



Website: www.nishati-us.com

Patents: www.nishati-us.com/patent

E-mail inquiries: Info@nishati-us.com