

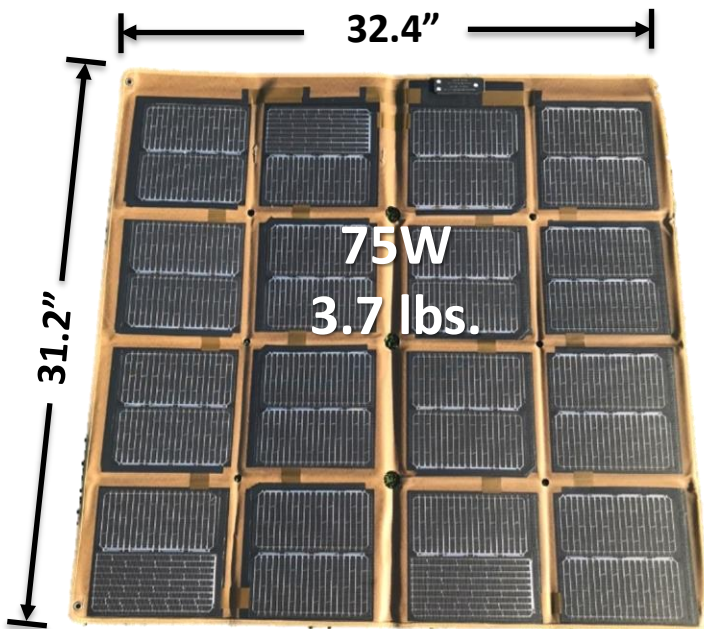
Lightweight Compact Foldable 75-Watt Solar Panel

Back-packable Power for Individuals and Teams

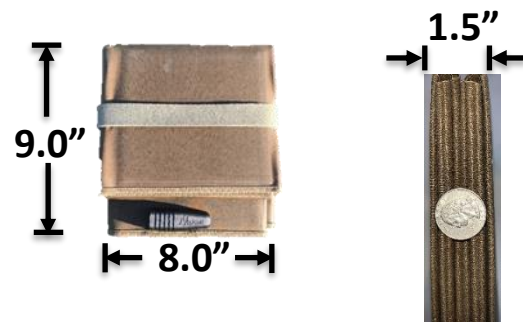
Power and Charge Radios, Sensors, End-user Devices, Batteries

Use with MilSpec or Commercial PV Controllers / Power Managers

Quick & Easy Employment



- **Powerful: 75 Watts** in a small footprint
 - 17.5V (nominal) output
 - Best-in-class shade tolerance!
 - Gang panels for more power
 - Performs in low angle and 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 in Harsh Conditions

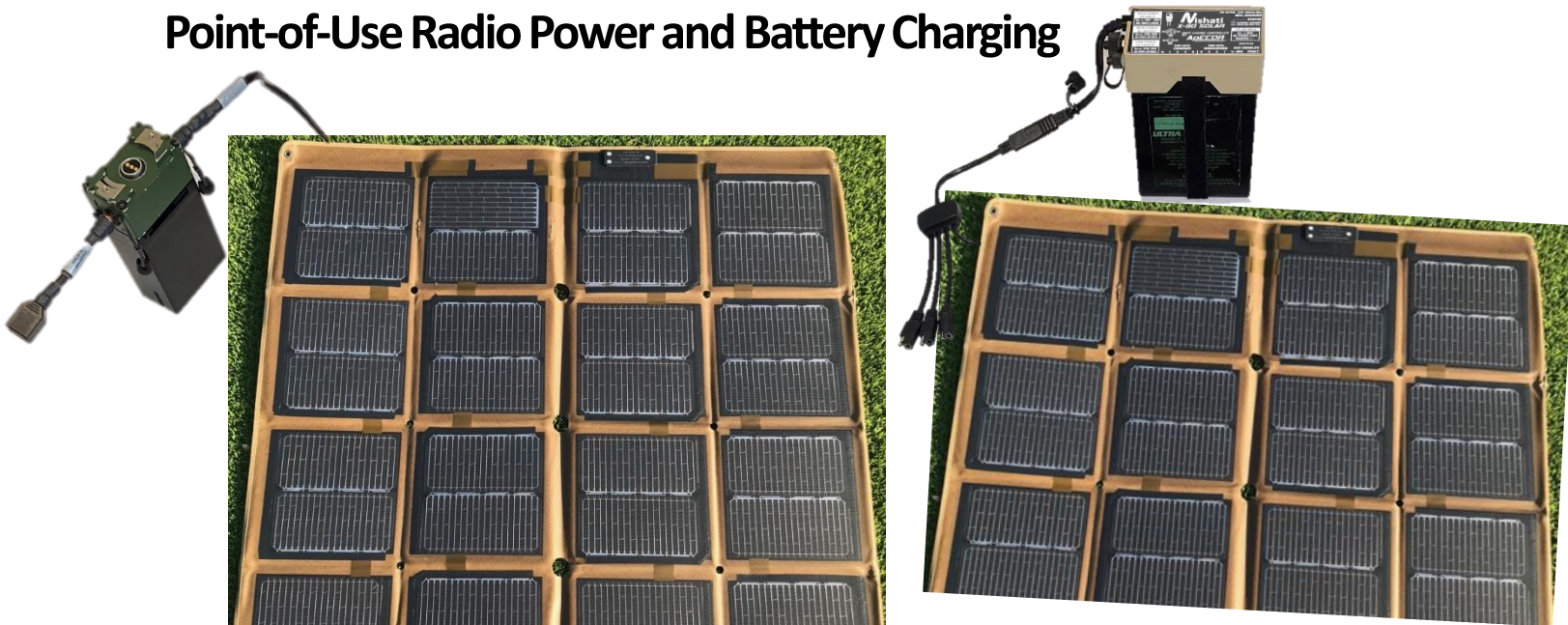
- **Durable:** Glass-free; Revolutionary electrical interconnect for lifetime performance/reliability
- **Weatherproof:** Protected against dust/water immersion (up to 1 m)
- **Low maintenance:** Non-stick surface resists soiling/wipes clean
- **Low visual signature:** Non-reflective surface maximizes light capture and reduces visibility; Complete camouflage surface appearance is optional

Nishati Endurance™ 75F

Nishati Endurance™ 75F Specifications

General Description		
Part Number	231286	
PV Cells	Mono-crystalline Silicon (mc-Si) PERC	
Cell Quantity	32 half-cells	
Electrical Interconnect	Merlin™ Interconnect	
Power Output Connections	(1) Integrated SAE 2-pin port (shrouded)	
Limited Warranty	2 years	
Module Power Output		
Rated Power (Pmax)	75 Watts (-0%, +3%)	At Standard Test Conditions: Cell temperature 25°C Air Mass 1.5 Solar Irradiance 1000 W/m ²
Vmp	17.5V (±3%)	
Imp	4.3A (±3%)	
Voc	21.0V (±3%)	
Isc	4.6A (±3%)	
Module Dimensions		
Folded Configuration (LxWxD)	9.0"L x 8.0"W x 1.5"D	
Deployed Configuration (LxWxD)	31.2"L x 32.4"W x 0.75"D (panel + JBox) / 0.12" (panel)	
Weight	3.7 lbs.	
Environmental	IP67 (Dust proof; waterproof to 1m immersion)	

Point-of-Use Radio Power and Battery Charging



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