

## Lightweight Compact Foldable 75-Watt+ Solar Panel

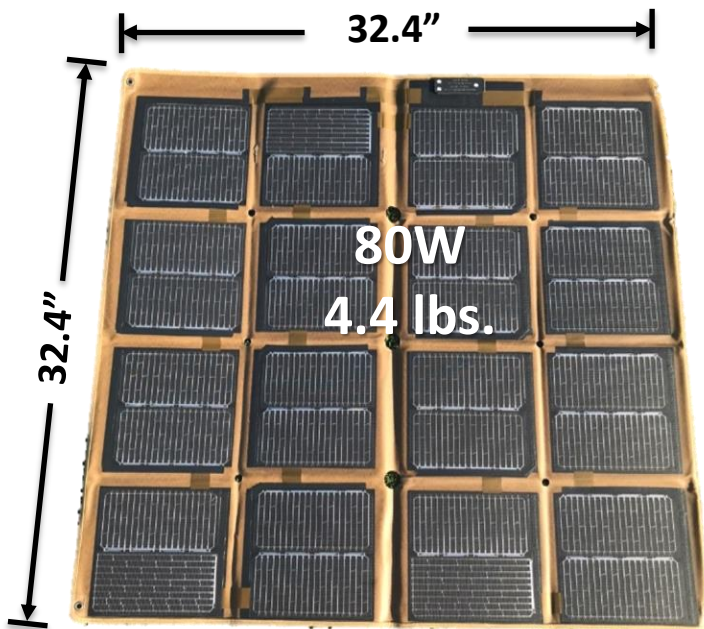
Back-packable Power for Individuals and Teams

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

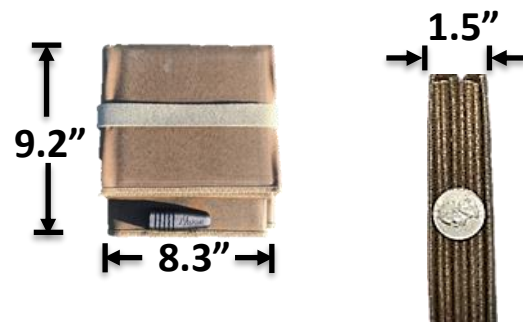
Use with MilSpec or Commercial PV Controllers / Power Managers

Quick & Easy Employment

**New!**



- **Powerful:** 80 Watts in a small footprint
  - 17.9V (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



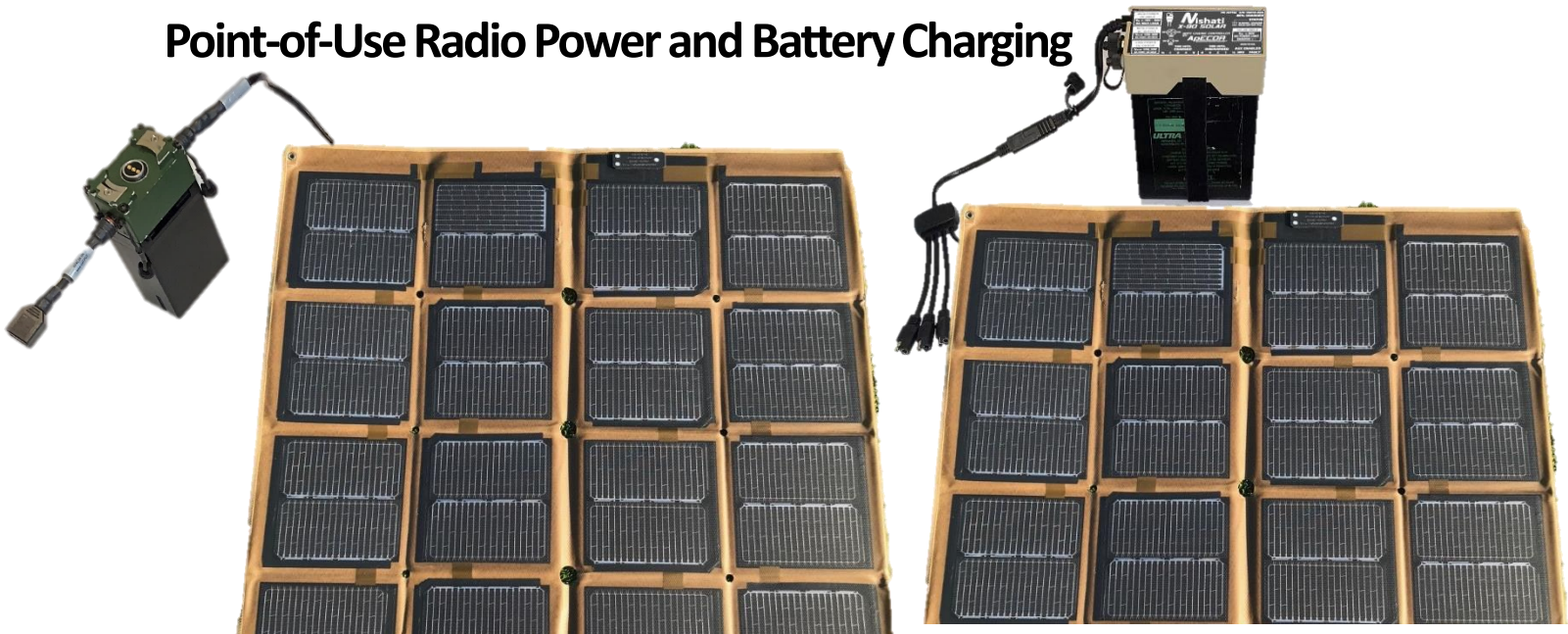
## Built Rugged for Military and Off-grid Use in Harsh Conditions

- **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		
<b>General Description</b>		
Part Number	231286	
PV Cells	G1 Mono-crystalline Silicon (mc-Si) PERC	
Cell Quantity	32 half-cells	
Diodes	16 bypass; 1 blocking	
Electrical Interconnect	Merlin™ Interconnect	
Power Output Connections	(1) Integrated SAE 2-pin port (shrouded)	
Limited Warranty	2 years	
<b>Module Power Output</b>		
Rated Power (Pmax)	80 Watts (-0%, +3%)	At Standard Test Conditions: Cell temperature 25°C Air Mass 1.5 Solar Irradiance 1000 W/m <sup>2</sup>
Vmp	17.9V (±3%)	
Imp	4.5A (±3%)	
Voc	21.12V (±3%)	
Isc	4.57A (±3%)	
<b>Module Dimensions</b>		
Folded Configuration (LxWxD)	9.2"L x 8.3"W x 1.5"D	
Deployed Configuration (LxWxD)	32.4"L x 32.4"W x 0.75"D (panel + JBox) / 0.12" (panel)	
Weight	4.4 lbs.	
Environmental	IP67 (Dust proof; waterproof to 1m immersion)	

## Point-of-Use Radio Power and Battery Charging



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Website: [www.nishati-us.com](http://www.nishati-us.com)

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