

### Ultra-Light Compact Foldable 30-watt / 15-volt Solar Panel

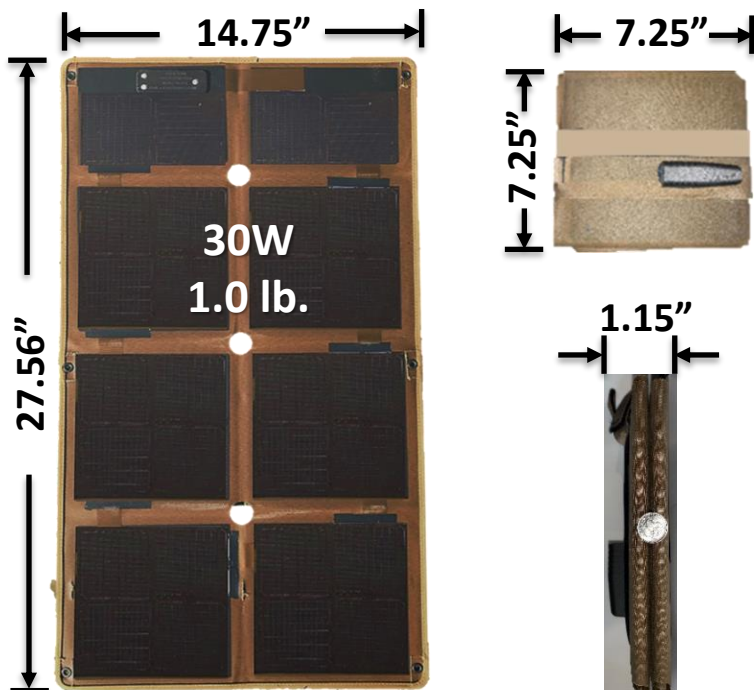
Pocket-sized Power for Every Individual

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

Use with MilSpec or Commercial PV Controllers / Power Managers

Quick Easy Employment “Outside the Wire” and On-The-Move

Reduce Reserve Battery Load Without Significant Weight or Bulk



- **Powerful:** 30 Watts in a small footprint and scalable with multiple panels to 120W+
  - superior performance in low angle and diffuse / partially obscured light conditions
- **Light:** About the weight of an MBITR Battery
- **Compact:** Stow one in a tactical vest pouch or multiple panels in an assault pack outer cargo pocket
- **Simple:** Integrated SAE connector eliminates redundant cable and snag hassle

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

- **Durable:** Glass-free; Designed and built to Mil-Std-810 standards; gridded electrical interconnect is engineered for lifetime performance and 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™ 30PSP

Nishati Endurance™ 30 PSP Specifications	
<b>General Description</b>	
Part Number	235286
PV Cells	Mono-crystalline Silicon (mc-Si) PERC
Cell Quantity / Layout	28 x ¼ cells / 4 x 7
Electrical Interconnect	Merlin™ Interconnect
Power Output Connections	(1) Integrated SAE 2-pin port (shrouded)
Limited Warranty	2 years
<b>Module Power Output (+/- 3%)</b>	
Rated Power (Pmax)	32.5 Watts (at 25°C, AM1.5, and 1000W/m <sup>2</sup> )
Vmp	15.34V
Imp	2.12A
Voc	18.08V
Isc	2.21A
<b>Module Dimensions</b>	
Folded Configuration (LxWxD)	7.25" L x 7.25" W x 1.15" D (panel + JBox) / 0.70" D (panel)
Deployed Configuration (LxWxD)	27.56" L x 14.75" W x 0.68" D (panel + JBox) / 0.06" (panel)
Weight	1.0 lbs.
Environmental	IP67 (Dust proof; waterproof to 1m immersion) Designed and built for Mil-Std-810 performance

**Effective Power  
Delivered  
at the  
Point-of-Use**



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