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Solar Panel Guide

Specification Data Sheet

Learn more at energypal.com/best-solar-panels-for-homes

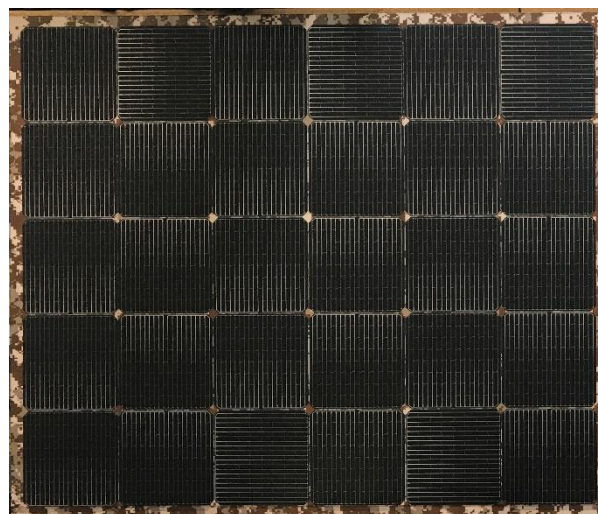
Endurance™ 140 Lightweight Glass-free Solar Panel

Rigid, Lightweight, Portable, and Robust

Easy Carry and Install onto Many Support Structures

Incorporated into the Nishati Expedition 570 Watt Portable Solar Array

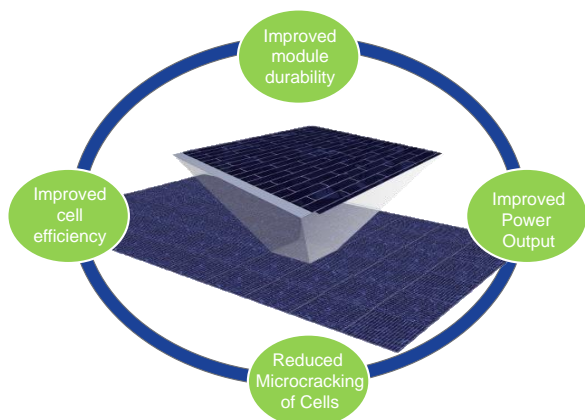
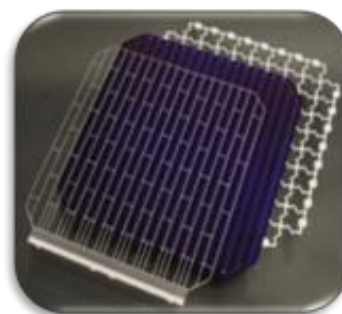
- **Powerful:** Highly efficient module maximizes power to batteries and electronic equipment
- **Durable:** Glass-free laminate and polymer construction; mechanically robust / thermally effective / electrically efficient
- **Weatherproof:** Protected against dust and water immersion (up to 1 meter depth)
- **Low maintenance:** Non-stick surface resists soiling / wipes clean
- **Non-reflective:** Maximize light capture, reduce visual signature



Improved Ruggedness, Lifetime Performance, Reliability

Featuring Merlin™ Interconnect: Superior Electrical Metallization

- Mechanically Reinforces/Protects Cells
- Improves Electrical Redundancy and Continuity
- Lowers Resistance Power Losses
- Reduces Reflectivity and Increases Light Trapping



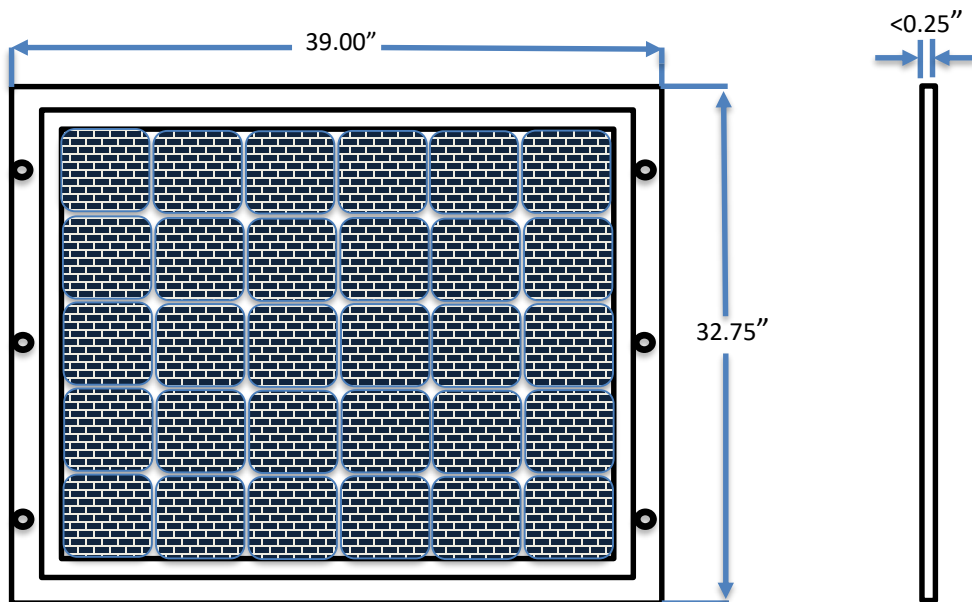
Performance Benefits

- More efficient solar harvest and energy conversion generates more power, faster
- More power generated over panel lifetime
- More flex-tolerant, robust and rugged for harsh environments and handling
- Less sensitive to changing light conditions, sun angles and partial shading
- Longer useful life = replace less often

Nishati Endurance™ 140

Nishati Endurance 140 Specifications

General Description	
Part Number	226286
PV Cells	Mono-crystalline Silicon
Power Output Connections	Amphenol H4 PV Connector
Limited Warranty	2 years
Module Power Output	
Rated Power (Pmax)	140 Watts (at 25°C, AM1.5, and 1000W/m ²)
Vmp	15.86 V
Imp	8.98 A
Voc	19.47 V
Isc	9.32 A
Maximum System Voltage (DC)	600V
Module Dimensions	
Dimensions (LxWxD)	39" x 32.75" x 0.7" (panel + junction box)
Weight	10 lbs.
Environmental	IP67



• Improving Lives and Increasing Mission Effectiveness •

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Portable • Rugged • Effective
Solar Power

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