

## Nishati Expedition™ 420C Portable Solar Array

### 420 Watt Solar Power Packaged into Single Transport Case

Commercial Solar Array based on Nishati's Militarized 420W Expedition Solar Array  
Same robust materials and construction, few less features providing more affordable solar array



[420 Watt Portable Solar Array](#)



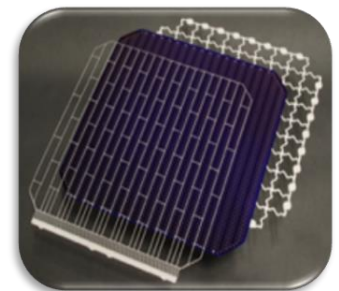
[Packaged into rugged transport case](#)

Compatible with most solar controllers and used in systems offering 400 to 5000 Watts

## Introducing Improved Endurance™ Solar Panels

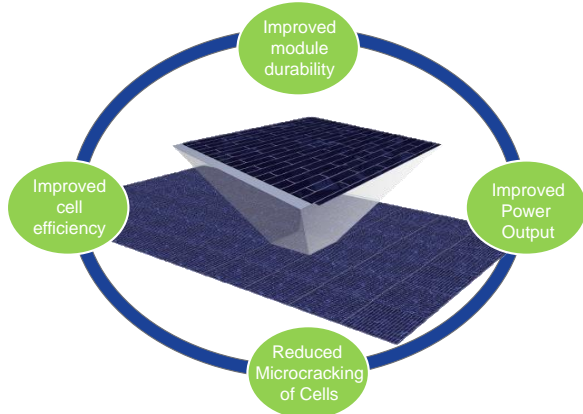
### Featuring superior Merlin™ interconnect architecture

- 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



## Improved Robustness • Increased Reliability • Increased Power

# Nishati Expedition 420C

Portable • Rugged • Effective

Solar Power

- Rugged, lightweight solar array - packages into small volume and generates power in minutes
- Four tri-fold solar panels and roll-able stand that package into a single waterproof rugged case
- Designed to maximize solar energy capture and minimize weight, size, and complexity



High efficiency, folding solar panels easily mount onto one-piece roll-able stand



## Product Specification

- Power 420 Watts
- <44 lbs. solar array; <74 lbs. in case
- Case dimensions: 48" x 17" x 9" (4 cu. ft.)
- Deployed foot print <4 ft. x 10 ft.
- Set up or package in < 5 minutes



Storage volume comparison: Glass-fronted Solar Panels (left) vs. Nishati Expedition (right)

#	Components
1	Four, Tri-fold Solar Panels
2	Rollable Stand with Canvas Cover and Quick Look Instructions
3	Rugged Transport Case
4	Rollable Stand with Pre-roll for easy packaging
5	Collector Cable
6	12 Sandbags & 10 Test Stakes (rolled up)
7	Solar Panel Leads with Easy Connect/Disconnetc Fittings



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Solar Power

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