

Improved Version of the U.S. Military-qualified Nishati Endurance 105 Upgraded Power, Lifetime Performance and Durability

- **Powerful:** Designed to maximize performance in expeditionary conditions
- **Durable:** Glass-free; Revolutionary electrical interconnect for lifetime performance
- **Weatherproof:** Protected against dust/water immersion (up to 1 m)
- **Low maintenance:** Non-stick surface resists soiling/wipes clean
- **Non-reflective:** Maximize light capture, reduce visual signature

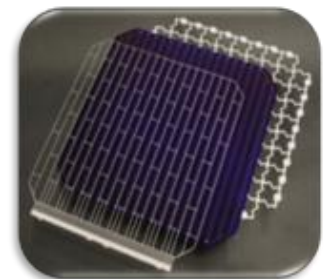


Portable for Easy Carry and Use

- Lightweight, compact tri-fold design, Weighs ~7 lbs
- Folds to ~ 13.6" x 7.8" x 0.5"; comes with easy carry case
- Integrated cable/connector stowage
- Requires minimal surface area to deploy

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 110 Specifications

| General Description | |
|--|--|
| Part Number | 217286M |
| PV Cells | Mono-crystalline Silicon PERC with Merlin Interconnect |
| Power Output Connections | Amphenol H4 PV Connector |
| Limited Warranty | 2 years |
| Module Power Output | |
| Rated Power (Pmax) | 113 Watts (at 25°C, AM1.5, and 1000W/m ²) |
| Vmp | 13.06V |
| Imp | 8.68A |
| Voc | 16.01V |
| Isc | 8.91A |
| Bypass Diode | Yes |
| Solar Cell Temperature Coefficient : Power | - 0.375 %/°K |
| Solar Cell Temperature Coefficient : Voltage | - 0.2943 %/°K |
| Solar Cell Temperature Coefficient : Current | 0.0405 %/°K |
| Module Dimensions | |
| Folded Configuration (LxWxD) | 14" x 27.8" x ~0.75" (panel + junction box) |
| Deployed Configuration (LxWxD) | 44" x 30" x 0.5" (panel + junction box) |
| Weight | 7 lbs. |
| Environmental | |
| | IP67 |



• Improving Mobility and Mission Effectiveness •

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