

# Nishati™

Portable • Rugged • Effective

## Solar Power

### Endurance™ 25 Multi-Voltage Solar Charging System\*

#### 25 Watts of Power for On-the-go Charging

#### Uses Military Solar Technology for Real Power, Ruggedness, Reliability

- **Powerful** – Highly efficient module maximizes power to batteries and consumer electronics
- **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



#### Portable for Easy Carry and Use

- Lightweight, compact tri-fold design
- Folds to 13.7" x 7.25" x 0.97" and Weighs 1.9 lbs
- Easily fits in a backpack, briefcase, or purse
- Requires minimal surface area to deploy
- Integrated cable/connector stowage

#### Adaptable, Scalable, Programmable for a Range of Charging Needs

- Efficiently charges USB devices including iPhone and Android
- Multi-mode 2-pin SAE (trailer hitch) output easily interfaces with charge controllers, AC inverters, batteries, and DC Loads
- Parallel multiple panels for more than 100 Watts Of Power!
- Loop and toggle attachments simplify laying out or hanging panel for maximum power production



\*Patent Pending

[www.nishati-us.com](http://www.nishati-us.com) • [Info@nishati-us.com](mailto:Info@nishati-us.com)

# Nishati™ Endurance™ 25

| Nishati Endurance 25 Specifications |   |
|-------------------------------------|---|
| <b>General Description</b>          |   |
| Part Number                         | 221286  |
| PV Cells                            | Mono-crystalline Silicon  |
| Power Output Connections            | (1) 12" USB 2.0 A-Female cable<br>(1) SAE 2-pin, 24" x 18 AWG dual-core cable |
| Limited Warranty                    | 2 years   |
| <b>Module Power Output</b>          |   |
| Rated Power (Pmax)                  | 25 Watts (at 25°C, AM1.5, and 1000W/m <sup>2</sup> )                          |
| SAE 2-pin Cable Voltage (DC)        | 12.6 – 14.7V (Std Mode); 15 – 16.8V (VPM-402 Mode)                            |
| SAE 2-pin Cable Current (DC)        | 0 – 5A (Std Mode); 0.35 – 1.75A (VPM-402 Mode)                                |
| USB Voltage (DC)                    | 4.2 – 5.6V  |
| USB Current (DC)                    | 0 – 2.5A  |
| Maximum System Voltage (DC)         | 30V   |
| <b>Module Dimensions</b>            |   |
| Folded Configuration (LxWxD)        | 13.7" x 7.25" x 0.97" (panel + electronics)                                   |
| Deployed Configuration (LxWxD)      | 22.0" x 13.7" x 0.72" (panel + electronics)                                   |
| Weight                              | 1.9 lbs (864g)  |
| <b>Environmental</b>                | IP67  |



● Improving Lives and Increasing Mission Effectiveness ●

8201 Greensboro Drive, Ste 300  
McLean, VA 22102  
303-906-3838

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Website: [www.nishati-us.com](http://www.nishati-us.com)  
Patents: [www.nishati-us.com/patent](http://www.nishati-us.com/patent)  
E-mail inquiries: [Info@nishati-us.com](mailto:Info@nishati-us.com)