

Rugged, Reliable 25-Watt Solar Charger for Power On-The-Move Power and Charge Radios, Sensors, End-user Devices, and Batteries



- **Powerful:** Designed to maximize performance in expeditionary conditions
- **Durable:** Glass-free; Revolutionary electrical interconnect designed for lifetime performance and reliability
- **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

Scalable, Adaptable and Concealable

- Scalable 25 to 100+ watts of power; performs under camouflage!
- USB charging for iOS and Android tactical handhelds, tablets, cameras, etc. with wall charger performance!
- Direct interface to 12V tactical radio chargers / battery eliminators
- Multi-mode 2-pin SAE (trailer hitch) easily interfaces with charge controllers, AC inverters, batteries, and DC Loads
- Durable loops and toggles enable easy off-ground deployment



Compact for Easy Carry and Use

- Lightweight, compact tri-fold design
- Folds to 13.7" x 7.25" x 0.97"
- Weight: 1.9 lbs.
- Easily fits in or on assault packs and rucks
- Requires minimal surface area to deploy
- Integrated cable/connector stowage



*Patent Pending

Nishati Endurance™ 25

Nishati Endurance 25 Specifications	
General Description	
Part Number	221286
PV Cells	Mono-crystalline Silicon PERC with Merlin Interconnect
Power Output Connections	(1) 12" USB 2.0 A-Female cable (1) SAE 2-pin, 24" x 18 AWG dual-core cable
Limited Warranty	2 years
Module Power Output	
Rated Power (Pmax)	25 Watts (at 25°C, AM1.5, and 1000W/m ²)
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
Module Dimensions	
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)
Environmental	IP67 (Dust proof; waterproof to 1m immersion)



• Increasing Mission Effectiveness •

2200 E. Williams Field Rd. Ste 200
Gilbert, AZ 85295
571-999-3482

Portable • Rugged • Effective

Website: www.nishati-us.com
Patents: www.nishati-us.com/patent
E-mail inquiries: Info@nishati-us.com