

Outpost™ 20 Compact Solar Power Kit

20 Watts of Continuous 24/7 Power

Power and Charge Radios, Sensors, End-user Devices, and Batteries

Four Nishati Endurance™ 25 Solar Chargers + Adapters + Energy Storage (Optional)

- **Tailorable & Scalable:** Remote charging capability for individuals and teams
 - Use 25-watt chargers individually or combined for up to 100+ watts of power
- **Outputs:** Regulated 12V DC / 24V DC / 120V AC and 5V DC (USB) with wall charging performance!
- Power and Charge Central Communications Batteries or Directly Power and Charge Devices
- Directly interface with military radio charge controllers / power adapters / battery eliminators
- Optimized charging with BB-2590 Li-ion battery storage for 24/7 power
- Example systems supported: PRC-148 / PRC-152 / MPU-5 / Trellisware TSM/TSM Ghost, ATAK / iTAK



Real Power, Ruggedness, Reliability

- **Powerful:** 18-20% system efficiency
 - Charge in low sun angle, clouds, partial shade
 - Power and charge multiple devices simultaneously
- **Durable:** Glass-free; Revolutionary electrical interconnect provides 15% to 20% more energy in actual field conditions and increases lifetime energy yield
- **Weatherproof:** Protected against dust / water immersion (up to 1 m depth)



Nishati Outpost™ 20

Outpost 20 Kit and Options

Part Number	227X20INV125
Basic Components	<ul style="list-style-type: none"> (4) Nishati Endurance 25 Multi-Voltage “Smart” Solar Chargers (a) (1) Endurance™ 25 Paralleling Adapter Cable (b) (1) MilSpec X-90 V4 Portable Fast Charge Solar/ DC Battery Charger (c) (1) DC Output cable – select 3A (M8) or 6A (M12) & 12-16.7V or 22-33.4V DC (d) (1) 125W/120V DC-AC inverter with 6A/22-33.4V input (e) (1) Padded, compartmented carrying case with handles and MOLLE attachments (f)
Optional Items	<ul style="list-style-type: none"> • BB-2590 (250 Watt-hr) Li-ion battery (294 Watt-hr option available) (g) • Tactical handheld radio power and charge adapter for PRC-148/152/MPU-5/etc. (h) • 28V BA-5590 plug emulator for power to PRC-117 / BA-5590-powered devices (i) • MBITR to Trellisware TSM radio form factor adapter (j) • AN/PRC-148 Li-ion battery (73 Watt-hr to 86 Watt-hr options) (k) • Additional M8 or M12 output cables
Warranty	2 years limited warranty against defective material & workmanship

Portable, Simple, Concealable

- Total kit (no battery) in soft case weighs ~ 11 lbs.
- Panels pack in or on an assault pack
- Simple, integrated SAE and USB connections
- Loops/toggles enable off-ground deployment
- Semi-rigidity permits tilt angle deployment
- Non-reflective – Maximize harvest, reduce visibility
- Harvest energy in confined, partially shaded spaces
- Effective charging under camouflage mesh



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Portable • Rugged • Effective
Solar Power

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