

Outpost™ 20 Compact Solar Power Kit

20 Watts of Continuous 24/7 Power

Remote Power & Charging for Individuals & Teams

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

- Tailorable & Scalable: Use 25-watt chargers individually or combined for up to 100+ watts of power
- Outputs: Regulated 12V DC / 24V DC / 120V AC / 5 20V USB C Power Delivery 3.0 New!
- Charge Radio Batteries or Power & Charge Radios, Sensors, End-user 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% solar / 94-98% electronics efficiency
 - ➤ Charge in low sun angle, clouds, partial shade
 - Power and charge multiple devices simultaneously
- Durable: Glass-free; Gridded electrical interconnect provides industry best lifetime performance & reliability; 15% to 20% more energy in actual field conditions
- Weatherproof: Protected against dust / water immersion (up to 1 m depth)



Outpost™ 20 Kit and Options	
Part Number	227221
Basic	(4) Nishati Endurance™ 25 Multi-Voltage "Smart" Solar Chargers [P/N 221286] (a)
Components	 SAE 2-pin OUT: 12.6 – 14.7V (Std Mode); 15 – 16.8V (SPM/VPM Mode) USB 2.0 OUT: 5V / 0 – 2.5A
	(1) Endurance™ 25 Paralleling Adapter Cable (b)
	(1) X-90V5 MilSpec Power and Charging Manager [P/N 92015] (c)
	• Solar In: 150W / 10 - 50V / SAE 2-pin
	 DC Out (User-selectable): 150W / 5A max @22-34V or 9A max @11-17V / SAE 2-pin USB C Power Delivery 3.0 (5 to 20V / up to 100W Input / 60W Output)
	(1) 125W DC-AC pure sine wave inverter: 24V DC (SAE 2-pin) IN 120V/60Hz OUT [P/N 92002] (d)
	(1) Padded, compartmented carrying case with handles and MOLLE attachments [P/N 94001] (e)
Optional	BB-2590 (225 Watt-hr) Li-ion battery (294 Watt-hr option available) (f)
Items*	Tactical handheld radio power and charge adapter for PRC-148/152/MPU-5/etc. (g)
	• 28V BA-5590 plug emulator for power to PRC-117 / BA-5590-powered devices (h)
*Additional options available on request	MBITR to Trellisware TSM radio form factor adapter (i)
	AN/PRC-148 Li-ion battery (73 Watt-hr to 86 Watt-hr options) (j)
Warranty	2 years limited warranty against defective material & workmanship

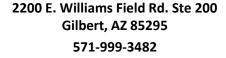
Portable, Simple, Concealable

- Total kit (no battery) in soft case weighs 10.5 lbs.
- Simple, integrated SAE and USB connections
- Loops/toggles enable off-ground deployment
- Rigidity permits tilt angle deployment
- Non-reflective Maximize harvest, reduce visibility
- Harvest energy in confined, partially shaded spaces
- Effective charging under camouflage mesh











Patents: <u>www.nishati-us.com/patent</u>

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Website: www.nishati-us.com

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