



Outpost™ 20F Scalable Solar Power Kit

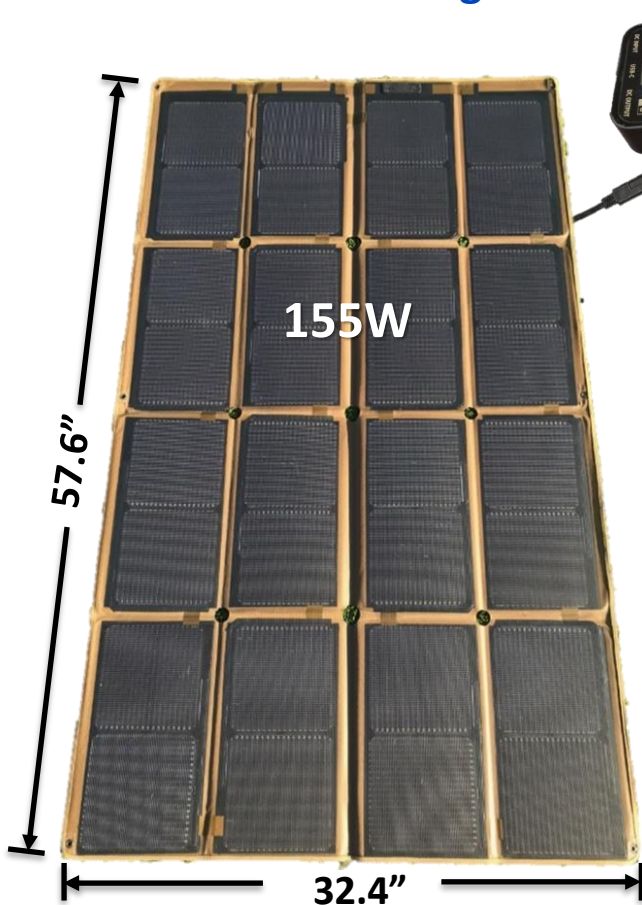
150W to 600W Sustained | 20W to 70W Continuous 24/7 Power

155 to 600+ Watts (Rated) Compact Foldable Solar

225 to 1,200 Watt-hours Energy Storage

Back-packable Power for Individuals and Teams

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



**5VDC(USB)
12VDC
24VDC**



Auxiliary Power (Basic Kit)

- 150 Watts (sustained) / 240 Watts (peak)
- Selectable Regulated 12VDC / 24VDC **New!**
- 5 - 20V USB C Power Delivery 3.0 **New!**
- 125W / 120V Pure Sine Wave AC

Battery Charging

- Maximum rate BB-2590 charging
- Charge other battery types using Smart Adapters
- Power/Charge from solar, DC sources, USB C Power Delivery-capable devices

Effective Advanced charger delivers maximum solar charging power and minimizes charge time
Power and charge multiple devices simultaneously

Simple Just connect and charge! LCD user interface for voltage selection, battery State of Charge and State of Health, Input Power (W), Time Until Charged/Discharged, and Faults

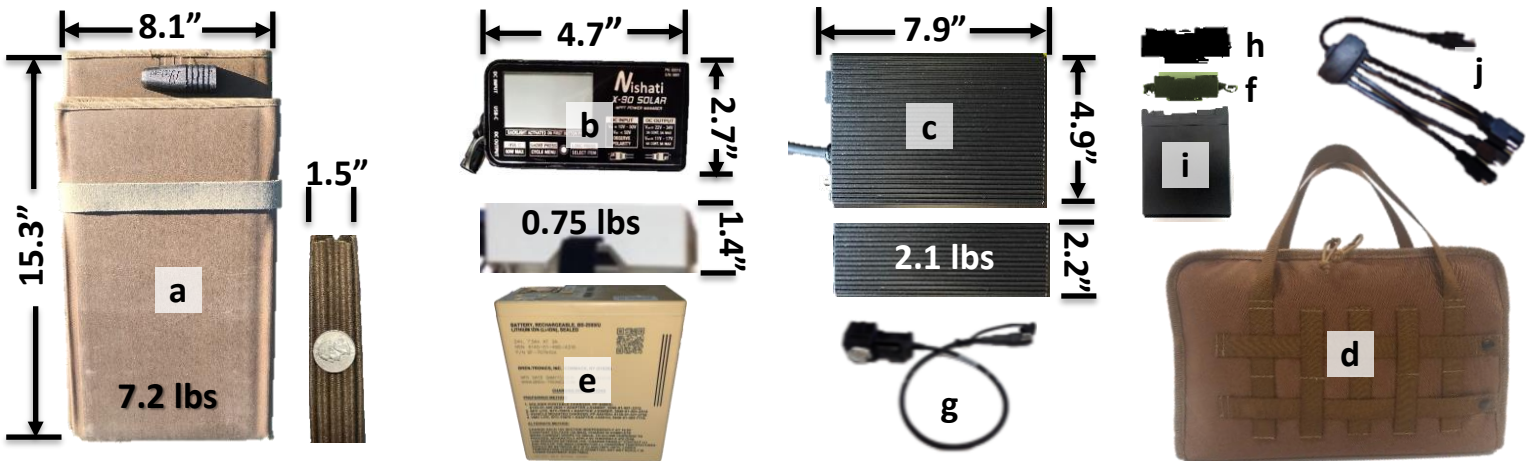
Scalable Add solar panels and/or chargers & batteries in parallel for **up to 600W power output**

Robust Charger accepts up to 50VDC IN | Reverse Polarity, Over Temperature, Active Current Limiting
Wake-up mode revives depleted batteries, enables charging if battery SMBus communication is lost

Nishati Outpost™ 20F

Outpost™ 20F Kit and Options

Part Number	227221F
Basic Kit Components* <small>*Add solar panels and/or chargers for increased power / parallel setups</small>	(1) Nishati Endurance™ 150F Compact Foldable Solar Panel [P/N 240286] (a) <ul style="list-style-type: none"> • Integrated SAE 2-pin port (shrouded) • Protected against reverse current / polarity and shading effects (1) MilSpec X-90V5 Portable Fast Charge Solar/ DC Battery Charger [P/N 92015] (b) <ul style="list-style-type: none"> • 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 / 6W Output) (1) 125W DC-AC pure sine wave inverter: 24V DC (SAE 2-pin) IN 120V/60Hz OUT [P/N 92002] (c) (1) Padded, compartmented carrying case with handles and MOLLE attachments [P/N 94001] (d)
Optional Items** <small>**Additional options available on request</small>	<ul style="list-style-type: none"> • BB-2590 (225 Watt-hr) Li-ion battery (298 Watt-hr option available) (e) • Tactical handheld radio power and charge adapter for PRC-148/152/MPU-5/etc. (f) • 28V BA-5590 plug emulator for power to PRC-117 / BA-5590-powered devices (g) • MBITR to Trellisware TSM radio form factor adapter (h) • AN/PRC-148 Li-ion battery (73 Watt-hr to 86 Watt-hr options) (i) • SAE 2-pin extension and parallel adapter cables (j) – one example shown
Warranty	2 years limited warranty against defective material & workmanship



Efficient 18 -20% efficient solar / 94-98% efficient charging & auxiliary power

Rugged Glass-free solar; military grade components for use in harsh conditions and use cases
Dustproof and waterproof (up to 1 m immersion)

Reliable Industry best solar lifetime performance | 15-20% more energy in field conditions

Flexible SAE 2-pin input accepts power from DC sources | Use with or without battery
Add X-90 Smart Adapters to charge many other battery types

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