Nishati Power Technologies™

Outpost™ 20F
Scalable Solar Power Kit

100 Watts Peak | 20 Watts Continuous 24/7 Power
BB-2590 Battery Charging and Auxiliary Power

Back-packable Power for Individuals and Teams
Power and Charge Radios, Sensors, End-user Devices, Batteries



Outpost™ Mini Power Manager

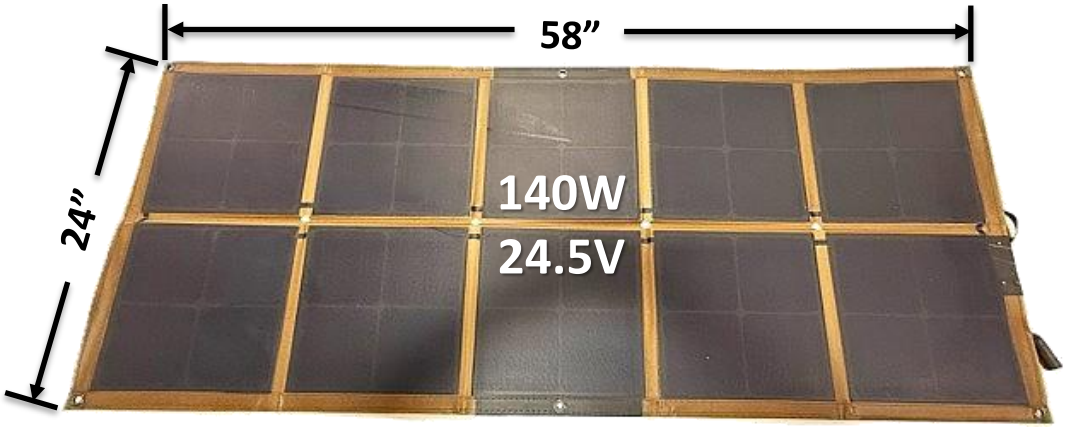
Charging + Auxiliary Power Out

New! Outpost™ Mini Power Manager
11-16.5V / 100W Peak power to radios, sensors, battery charging adapters

Energy Storage | BB-2590 (sold separately)

Solar In

New! 140-watt / 24.5-volt Compact Folding Solar Panel



SBM 120W Solar Panel

AC Power

125W / 120V
Pure Sine Wave AC



Outpost™ C125-12 Inverter

Simple No buttons - just connect & charge! LEDs provide system state, solar input, & fault indications

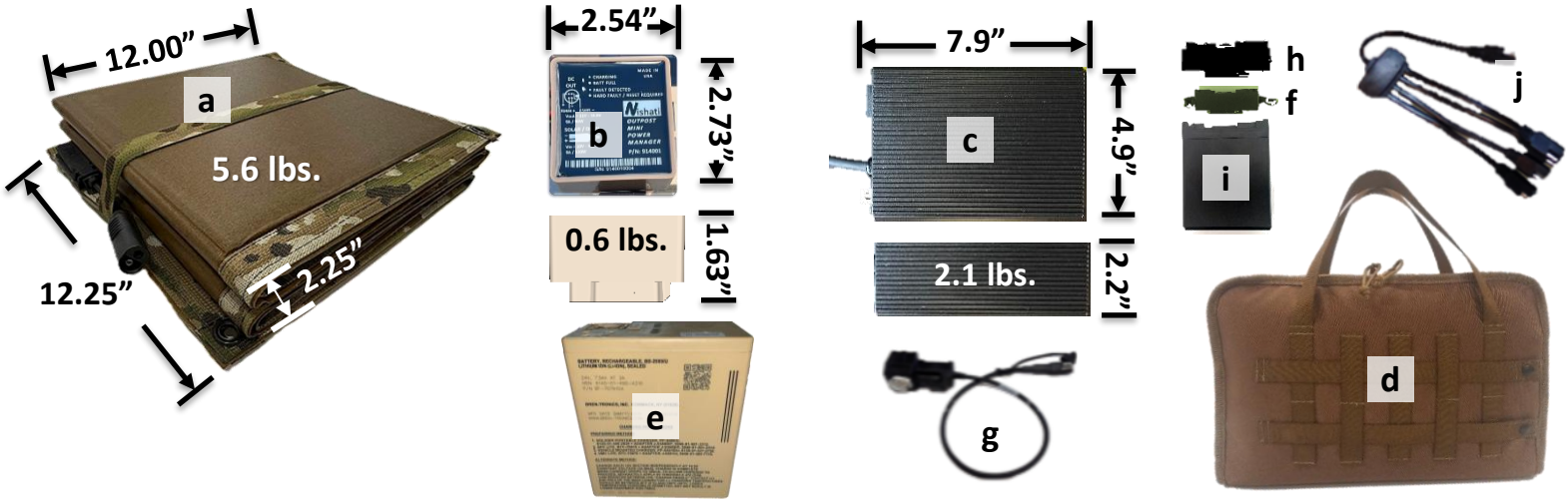
Robust Reverse Polarity, Short Circuit, Over-/Under-Temperature; Wakes up/charges depleted batteries
Charges even if battery communications fail; monitors temp. to protect battery in cold weather

Flexible & Scalable Polarized SAE 2-pin input accepts power from solar and other DC sources
Parallel multiple chargers from one power source
Data over RS485 connection for external battery monitoring and charger switching
Use adapters to charge/power a variety of devices

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Outpost™ 20F Scalable Solar Power Kit

Outpost™ 20F Kit and Options	
Part Number	227221F
Basic Kit Components* *Add solar panels and/or chargers for increased power / parallel setups	(1) SBM 120W Compact Folding Solar Panel **[P/N SBMF-120-W-M] (a)** • Integrated SAE 2-pin cable (shrouded) • Six grommeted attachment points • Protected against reverse current / polarity and shading effects (1) Nishati Outpost™ Mini Power Manager **[P/N 914001] (b)** • Solar In: 120W / 10 - 50V / SAE 2-pin • DC Out + Data** Interface: 100W / 6A max @11-16.5V / M12 4-pin **RS485 (2-wire) Switching and Battery Data Monitoring (1) 125W DC-AC pure sine wave inverter: 12V DC (SAE 2-pin) IN|120V/60Hz OUT [**P/N 92002-12**] (**c**) (1) Padded, compartmented carrying case with handles and MOLLE attachments [**P/N 94001**] (**d**)
Optional Items** **Additional options available on request	• 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 & Effective ≥98% Solar charging and ≥ 96% auxiliary power efficiency
High-speed maximum power point tracking and parallel charging reduces charging time

Durable & Weatherproof Designed and built to military standards
Protected against dust and water immersion (up to 1 m)

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Portable • Reliable • Rugged
Military Power

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