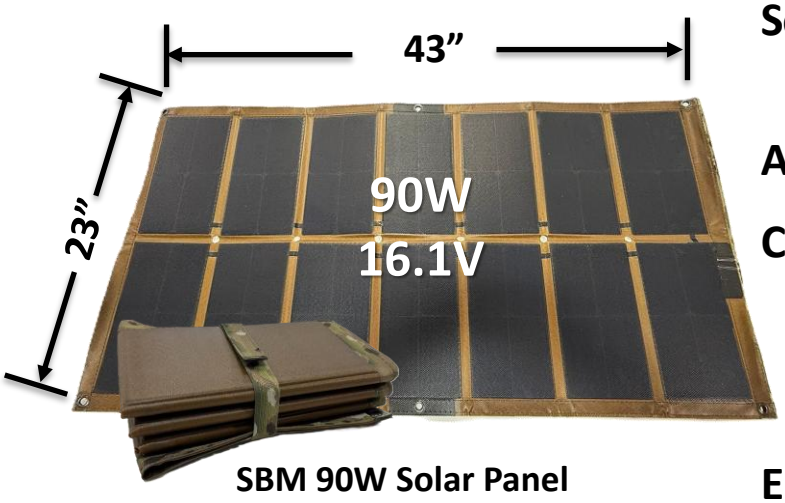
Nishati Power Technologies™

Outpost™ 15

Micro Uninterruptable Power Supply

15 Watts of Continuous 24/7 Power

Power and Charge Low-Power Systems and Military Batteries



SBM 90W Solar Panel

Solar In | 90-watt / 16.1-volt
Compact Folding Solar Panel

AC In | Charge from 120V/60 Hz or 220V/50 Hz AC

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)

Compact and Lightweight

Solar Panel (folded)
11.5”L x 6.75”W x 3.0”D | 4.0 lbs.

Charger
2.73”L x 2.54”W x 1.63”H | 0.6 lbs.

AC-DC Power Supply
6.4”L x 1.7”W x 1.3”H | 0.97 lbs.



Outpost™ Mini Power Manager



40W ™ AC-DC Power Supply

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

Efficient & Effective ≥98% Solar charging and ≥ 96% auxiliary power efficiency
High-speed maximum power point tracking and parallel charging reduces charging time

Flexible Polarized SAE 2-pin input accepts power from solar, AC-DC power supply (included) and other DC sources
Parallel multiple chargers from one power source and parallel auxiliary power output
Data over RS485 connection for external battery monitoring and charger switching
Use adapters to charge/power a variety of devices



Robust Reverse Polarity, Short Circuit, Over-/Under-Temperature Protections
Wakes up/charges depleted batteries
Charges even if battery communications fail

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

Copyright © 2026 All Rights Reserved

Nishati Power Technologies™

Outpost™ 15 Micro UPS

Nishati Outpost™ 15 Specifications

Part Number	242245		
Basic Kit Components	(1) SBM 90W Compact Folding Solar Panel **[P/N SBMF-90W-M-P]** • 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]** • 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) 40W Constant Voltage/Constant Current AC/DC Power Supply **[P/N 96001]**		
Optional Items	• 125W DC-AC pure sine wave inverter: 12V DC (SAE 2-pin) IN|120V/60Hz OUT • BB-2590 (225 Watt-hr) Li-ion batteries (294 Watt-hr option available) • SAE 2-pin extension cables | 12-in./6-ft./15-ft. standard | custom lengths & Y cables • External Battery & Radio Power Adapters (inquire on specific availability)		
Warranty	2 years limited warranty against defective material & workmanship		
Solar Panel Power	Rated Power (P_{max})	90 Watts (-0%, +3%)	**At Standard Test Conditions: Cell temperature 25°C Air Mass 1.5 Solar Irradiance 1000 W/m²**
	V_{mp}	16.1V (±3%)	
	I_{mp}	6.0A (±3%)	
	V_{oc}	20.3V (±3%)	
	I_{sc}	6.3A (±3%)	
Solar Panel Dimensions & Weight	Folded Dimensions	11.5”L x 6.75”W x 3.0”D	
	Deployed Configuration	43”L x 23”W	
	Weight	4.0 lbs.	
AC/DC Power Supply	AC Input Voltage	90 – 305VAC	
	AC Input Frequency	47 – 63 Hz	
	AC Input Current	0.6A / 115VAC 0.3A / 230VAC	
	DC Output Voltage	24V	
	DC Output Current	1.67A	
	Rated Power	40W	
	Connectors	NEMA 5-15 (Input) / SAE 2-pin (Output)	
	Dimensions	6.4”L x 1.7”W x 1.3”D	
	Weight	0.97 lbs.	
	Operating Temps. (case)	-40°C to 80°C	
Solar/DC Battery Charger	DC Input Power (P_i)	120W (Max)	
	DC Input Voltage (V_{in})	10V – 50V	
	Battery Voltage (V_{batt})	10V – 20V	
	Auxiliary Power (P_{aux})	100W (max at 16.5V)	
	Aux. Power Voltage (V_{aux})	11V – 16.5V [BB-2590 battery required]	
	Aux. Power Current (I_{aux})	6A (continuous) / 10A (peak) [BB-2590 battery required]	
	Dimensions | Weight	2.73”L x 2.54”W x 1.63”D | 0.6 lbs.	
	Ambient Operating Temp (T_A)	-30°C to 60°C (Charging) / -20°C to 50°C (Discharging)*	
	Storage Temp. (T_{STG})	-50°C to 85°C	
Environmental	All components IP67 (Dust proof; waterproof to 1m immersion)		

*Charging BB-2590 below 0°C may negatively impact battery capacity & lifetime. MPM limits charging to 2.5A <0°C²

7320 E Pecos Rd., Unit 110
Mesa, AZ 85212
571-999-3482

Portable • Reliable • Rugged
Military Power

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

Copyright © 2026 All Rights Reserved