



# Outpost™ 70 Lite Back-pack Solar Power Kit

**500-Watt Peak | 70-Watt Continuous 24/7 Power Output**

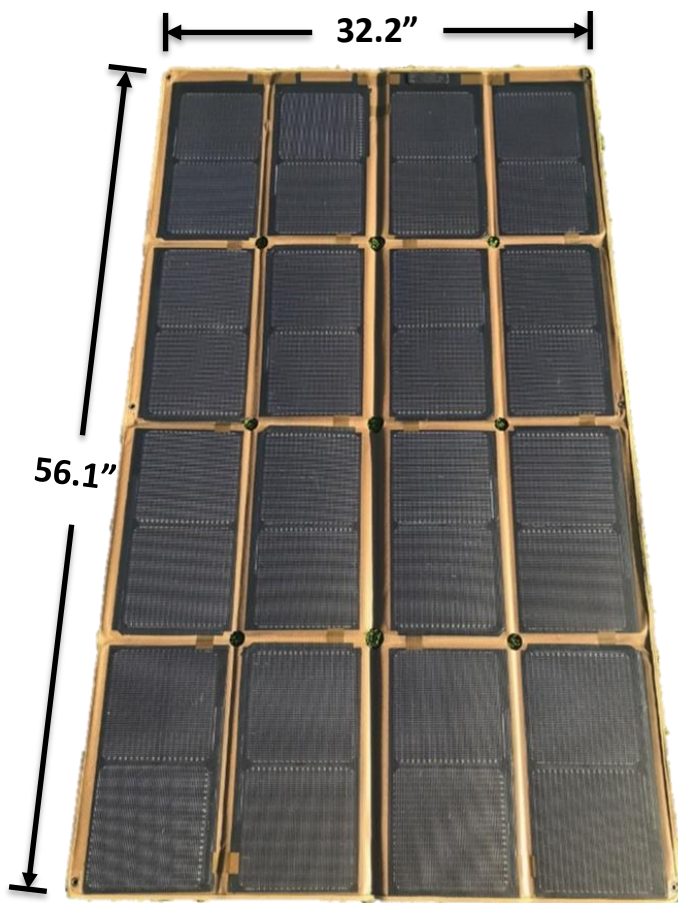
600 Watts (Rated) Compact Foldable Solar

1,000 – 1,200 Watt-hours Energy Storage

Back-packable Power for Individuals and Teams

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

Quick & Easy Employment



**Four Nishati Endurance™ 150F Portable Solar Panels**

**...PLUS Integrated Energy Router / (4) BB-2590 Battery Manager**

**...PLUS (4) BB-2590 Batteries**

**...PLUS Output Cables/Adapters**

# Nishati Outpost™ 70 Lite

Outpost™ 70 Lite Specifications		
<b>Part Number</b>	229240	
<b>Basic Kit Components</b>	<ul style="list-style-type: none"> <li>• (4) Nishati Endurance™ 150F solar panels w/gridded interconnect, ¼" (inner diameter) grommets and integrated SAE 2-pin plug [PN 240286]</li> <li>• (4) Solar Adapter Cables, SAE 2-pin to Shrouded SAE 2-pin, 14 AWG, 72-inch [PN 91011]</li> <li>• (1) Energy Router/Battery Manager with (4) BB-2590 slots, (4) standard SAE 2-pin input pigtails, (4) shrouded SAE 2-pin output pigtails [PN 97009]</li> <li>• (1) Carrying case, soft-sided, padded and compartmented [PN 94003]</li> </ul>	
<b>Optional Items*</b> <small>*Items listed are commonly-used examples. Other options available on request.</small>	<ul style="list-style-type: none"> <li>• BB-2590 (225 Watt-hr) Li-ion batteries [BT-70791CK]   298 Watt-hr [BT-70791JV] option available</li> <li>• 125W / 120V DC-AC pure sine wave inverter [PN 92002]</li> <li>• Extension cable, SAE 2-pin to Shrouded SAE 2-pin, 14 AWG, 15-foot [PN 91010]</li> <li>• Tactical handheld radio power and charge adapter for PRC-148/152/MPU-5/etc. [PN 95001-1]</li> <li>• Adapter cable, SAE 2-pin to 28V / BA-5590 plug emulator [PN 92014]</li> </ul>	
<b>Warranty</b>	2 years limited warranty against defective material & workmanship	
<b>System Power</b>	Rated solar capacity	600W (+/- 3% at Std Test Conditions of 25°C, AM1.5, and 1000W/m <sup>2</sup> )
	DC Input Power	600W / 60A (peak) / 10-36V / maximum power point tracking
	DC Export Power	500W / 60A (peak)   15A (each port)
	Energy Storage Capacity	~1,000 – 1,200 Watt-hrs (battery version/capacity dependent)
<b>Dimensions &amp; Weights</b>	Solar Panels (each)	Folded: 15.0"L x 8.0"W x 1.5"D   6.8 lbs. Deployed: 56.1"L x 32.2"W x 0.75"D (panel + JBox) / 0.12" (panel)
	Energy Router / Battery Mgr	Without batteries: 10.25"L x 5.5"W x 1.5"H   <2.5 lbs. With batteries: 10.25"L x 5.5"W x 5.5"H   ~14.9 lbs.
<b>Safety</b>	Over-voltage, Under-voltage, Short-circuit and Over-current protection	
<b>Environmental</b>	Designed for MIL-STD-810G and IP68 compliance with exception of inverters	

## Solar Features

- Compact, Lightweight, Rugged & Reliable Glass-free Monocrystalline Silicon Solar Panels
- Superior Low Angle and Diffuse Light Performance | Best-in-class Shade Tolerance
- Simple: Integrated SAE Connectors

## Power Electronics Features

- Real-Time Software Monitoring and System Warnings | Real-Time LED Analytics Display
- Scavenge from DC sources | (4) 150-watt solar panel inputs | Maximum Power Point Tracking
- Passively-cooled (no fans or filters)

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