Nishati Power Technologies™

Expedition™ 600 Portable Solar Array

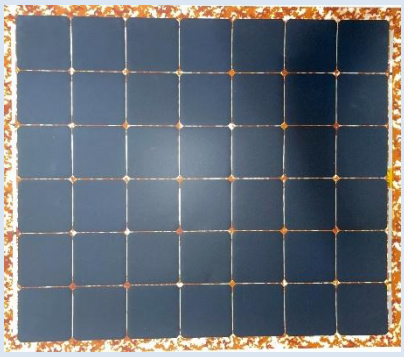
600+ Watts of Portable Rugged Solar Power in a Case

Military Grade Quality and Performance for Remote Power



- Applies State of the Art Advances in Military Solar Technology
- Simplified Design for Easy Deployment, Pack-up, and Affordability
- Rugged, waterproof case with integrated solar racking

Featuring
Lightweight
High Durability
Endurance™ 150
Rigid Glass-Free Solar Panels



- Designed for high reliability and Military Standard 810G Survivability
- Tested to 70 MPH wind from all directions
- 2-person lift; 1- or 2-person setup in seconds!
- Up to 8 systems stack on a standard pallet for easy and efficient shipping
- Maximizes power and minimizes deployed footprint (<23 ft^2)



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Expedition™ 600 Portable Solar Array

Expedition™ 600 Specifications		
General Description		
Part Number	225651B	
PV Cells	Mono-crystalline Silicon Interdigitated Back Contact	
Dimensions || Kit Weight	Packed: 43.00” L x 38.37” W x 6.75” D | Deployed: 76.7” L x 43.0” W || 86 lbs.	
Warranty	2 years limited warranty against defective material & workmanship	
Solar Array Power		
Rated Power (Pmax)	615 Watts (±3%)	**At Standard Test Conditions:** **Cell temperature 25°C** **Air Mass 1.5** **Solar Irradiance 1000 W/m²**
Vmp	52.0V (±5%)	
Imp	11.9A (±5%)	
Voc	61.2V (±5%)	
Isc	12.6A (±5%)	
Efficiency	>21%	
Maximum System Voltage (DC)	600V	
Electrical Connections		
Wire Harness Connector	ITT Cannon P/N CA3106F20-23SB (standard) or tailored for customer needs	
Solar Panel Connectors	Industry Standard MC4 connectors with added quick disconnect feature | adaptable to military and commercial solar controllers	
Environmental		
Water and Dust Resistance	IP67	
Operating Temperature	- 40 to +140 °F	
Storage Temperature Limits	- 40 to +160 °F	
Wind Load Limit From Any Direction	70 MPH	



Standard Kit Components
(4) Nishati Endurance™ 150 solar panels (P/N 264286)
(1) Rugged transport case with integrated assembly-free solar panel and racking
(1) 35-foot Power Cable
(16) Sandbags (empty)

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Portable • Reliable • Rugged
Military Power

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