

# SUNCASE 2425

**A professional grade portable solar + battery generator capable of running up to 20A at 120V AC (2400W) of equipment.**

Designed to be recharged from solar and/or the grid, even as you are using it. The pelican-style case is a form factor familiar to professionals and is easy to stow and transport. Unlike lesser consumer-grade products, the Suncase 2425 is built for years of reliable service, with components that can be replaced or upgraded in the future.



## Benefits

- 🔒 Thermoplastic fire retardant, tough, weather resistant pelican-style case conforms to IP55, is rain-resistant when lying flat, and is familiar to professionals.
- 🛡️ Handles harsh operating and transportation environments
- 📏 Small physical footprint relative to output and battery capacity
- 🔋 Fast recharging: can accept both solar and / or AC charging simultaneously
- 🌿 Up to 3 units can be connected in parallel to provide 3X runtime
- 📶 Comes with a convenient easy-to-use Bluetooth App
- 🔌 True sinewave output works great with sensitive electronic devices (unlike gas / diesel generators which can create Radio Frequency Interference)

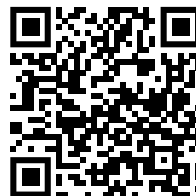
## Applications



### Military

- Communications and intelligence equipment (e.g. Starlinks, Desktop Computers, Radios) for Tactical Operating Centers
- Artillery Crews (including targeting systems)
- APC, truck, and other mobile vehicle-based teams, mobile command centers, and emergency medical support
- Drone Reconnaissance Teams

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# SPECIFICATIONS

<b>SunCase Version</b>	<b>2425</b>
Pure Sine Wave Inverter	2400W
Battery Type	Lithium Iron Phosphate (LiFePO4)
Storage Capacity	2.56kWh
Estimated Cycle Life based on an 80% Depth of Discharge (subject to other variables including temperature and load)	6,000
DC Nominal Voltage	48V
Output Options	120V or 240V, 50/60Hz, All models have 48V, 12V, and 5V USB DC direct output
Solar Charge Controller	18-100V 1000W Max
AC Charging Included	1650W Internal Built-In. External fast-charger optional. Max 100A charge rate
Circuit Breaker Protection	Built-in 80A, CHNT, Model#: NXB-125-IP
Recommended Operating Voltage Range	48-54.4V DC
Operating Temperature Range	32-131°F (0-55° C)
Weight	67lb (30.2 kG), (boxed gross: 73lb [33kg])
Case Dimensions	(HxWxD) 23"x14"x9" (58x35x23 cm), Box Dimensions 26"x16"x11" (66x41x29cm)
Warranty and Certifications	24 MONTHS LIMITED MANUFACTURER'S WARRANTY, UN38.3, CE, RoHS compliant (Cells), CSA C22.2 No. 5 (Circuit Breaker), UL1973 (Cell), UL 489 Listed (Circuit Breaker)

