



Win with Watts

SUNCASE 3651

A large professional-grade power station capable of running any standard AC appliance.

Rugged 3600W/ 5120Wh unit with a built-in inverter/charger capable of accepting up to 1700W/170V DC of PV input. Includes 1650W of built-in AC charging standard.



Benefits

-  5kWh and 3kW inverter make this product optimal for large professional-grade loads
-  Can output both 48V DC and 120V AC power from the same unit
-  High Cycle life of 6,000 cycles at 80% DoD; uses UL-listed cells
-  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
-  Easy to use Bluetooth App
-  Other DC outputs (12V & 5V USB)
-  Industry leading Whr. Per lb. (5120Wh in 128lbs, 44Whr per lb)
-  Power transfer case option allows for safe rescue charging and increased battery capacity in 5kWh increments
-  Built-in 1650W AC charger for maximum portability and quick recharging
-  Ergonomic handles
-  Built-in internal heating allows for winter use in freezing temperatures

Applications

-  Electronic Warfare and Countermeasures
-  Frontline Company, Battalion and Brigade TOC's (Tactical Operations Centers)
-  Drone teams
-  Satcoms, portable 5G private networks, and comms radio recharging
-  120V Corded Power Tools (e.g. Table Saws)
-  Frontline medical stabilization points
-  Enabling use of cauterization knives
-  Mobile battlefield blood storage, cooling and warming, in austere power conditions
-  Armored and Technical vehicles conversion to C&C or drone operations centers
-  Lighting for anti aircraft batteries for final identification of slow moving drones
-  Port, Repair, Maintenance and Motor Pools (welders, air compressors, lighting, power tool battery recharging)
-  Range use (target illumination, drone battery recharging, lighting)



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SPECIFICATIONS

SunCase Version

3651

Pure Sine Wave Inverter

3600W Continuous

Battery Type

Lithium Iron Phosphate (LiFePO4)

Storage Capacity

5.12 kWh

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

Models have either 2 110V 60Hz 20A Outlets or 2 220V 50Hz Universal Outlets, US Models have 1 30A 110V Twist-lock outlet, All models have 2 48V 75A, 1 12V 10A, and 2 5V USB and USB C Outlets

Solar Charge Controller

70-150V 1700W 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-125-1P

Recommended Operating Voltage Range

48-54.4V DC

Operating Temperature Range

32-131°F (0-55°C)

Weight

123 lb (53 kg), (boxed gross: 135lb [61kg])

Enclosure Dimensions

(HxWxD) 28"x18"x11" (72x46x28 cm), Box Dimensions
39"x 24"x17" (100x59x43cm)

Warranty and Certifications

24 MONTHS LIMITED MANUFACTURER'S WARRANTY,
UN38.3 (cells) CE (cells), RoHS compliant (Cells), UL 1642 (Cell),
UL 1973 (Cell), CSA C22.2 No. 5 (Circuit Breaker)



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