



Using the Sun to Build a Better Generator™

SUNCASE

3651

A large “two-person carry” solar generator capable of running any 120V or 48V 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
- ✓ Rugged pelican style case and ergonomic handles designed for harsh operating and transportation environments
- ✓ Easy to use Bluetooth App
- ✓ Other DC outputs (12V & 5V USB)

APPLICATIONS

- ✓ Professional Film and TV Location Lighting (Runs both AC and 48V DC for Nanlux lights)
- ✓ Commercial and Residential Construction, indoors or outdoors (e.g. insulation specialists, siders, roofers, etc.)
- ✓ Telecommunications maintenance
- ✓ Solar installer service interruption windows
- ✓ 120V Corded Power Tools (e.g. Table Saws)
- ✓ Large quantities of cordless power tools
- ✓ Mobile offices and emergency office backup
- ✓ Quick-deployable remote communications devices
- ✓ Area lighting for job sites, events & emergencies
- ✓ Short-term cooling and heating



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Specifications

SunCase Version	3651
Pure Sine Wave Inverter	3600W Continuous (7200W Surge)
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	120V or 240V, 50/60Hz, All models have 48V, 12V, and 5V USB DC direct output
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	2-YEAR LIMITED MANUFACTURER'S WARRANTY, UL1973 (cells), UN38.3 (cells) CE (cells), RoHS compliant (Cells), UL 489 (Circuit Breaker), CSA C22.2 No. 5 (Circuit Breaker)

