

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

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)

