



Using the Sun to Build a Better Generator™

SUNCASE

2025

A large “one-person carry” solar generator capable of running any appliance

Rugged 2000W/ 2560Wh unit that can change from virtually any full size solar panel (up to 400W/ 55V DC) with external AC charging options



BENEFITS

- ✓ A great balance between portability and maximum usable power
- ✓ Rugged pelican style case designed for harsh operating environments
- ✓ Expandable battery capacity for longer run times. 5kWh Battery Extension modules
- ✓ Option to use an AC source, or external charge controller to fast charge battery
- ✓ Easy to use Bluetooth App
- ✓ High Cycle life of 6,000 cycles at 80% DoD. Extend usable product life



APPLICATIONS

- ✓ Mobile office
- ✓ Communications (including wifi or satellite dish)
- ✓ PA Systems and lighting for outdoor events
- ✓ Charging batteries for power tools, including drones
- ✓ Suitable for sensitive electronic devices
- ✓ Professional Film and TV Location Lighting



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Specifications

| SunCase Version | 2025 |
|---|--|
| Pure Sine Wave Inverter | 2000W Continuous (4000W Surge) |
| Battery Type | Lithium Iron Phosphate (LiFePO4) |
| Storage Capacity | 2.56 kWh |
| Estimated Cycle Life based on an 80% Depth of Discharge (subject to other variables including temperature and load) | 6,000 Total Operating Cycles, 4,000 Cycles at 100% potential capacity |
| DC Nominal Voltage | 24V |
| AC Output Options | 120V or 240V, 50/60Hz |
| Solar Charge Controller | 20Amp PWM for 100-600 Watts (55Voc Max) |
| AC Charging | Included 880W@ 29.2VDC External |
| Circuit Breaker Protection | Built-in 80A, UL 489 Listed. Brand: PROJOY, Model#: PEBS-S 500V 2P C80A |
| Battery Voltage Range | 24-29V DC |
| Operating Temperature Range | 32-131°F (0-55°C) |
| Weight | 69 lb (31kg), (boxed gross: 78lb [35kg]) |
| Enclosure Dimensions (HxWxD) | 20"x26"x12" (51x55x29 cm) |
| 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) |

