

SUNCASE 605

A handheld professional grade power station capable of running up to 600W of equipment.

The **SunCase 605** is a great tool for a variety of professional applications at a very affordable price. Get yourself **537Wh** of power that can go where you need it, is ready when you need it, and can be used for whatever you need it for.



Benefits

- Cheaper per Watt-hour than specialized tool or device batteries while also providing flexible power options
- Thermoplastic fire retardant, tough, weather resistant case conforms to IP55 and can handle major shocks and drops
- Fast recharging: can accept both solar (or other DC sources such as a car or truck alternator), and / or AC charging (via standard outlet or a portable generator)
- Small physical footprint relative to output and battery capacity
- True sinewave output works great with sensitive electronic devices (unlike gas / diesel generators which can create Radio Frequency Interference)
- Lightweight vs. specialty batteries with equivalent energy storage
- Can charge from automobile batteries with specialty cable kit
- Heated options available
- Includes additional DC outputs (12V & 5V USB)

Applications

Film, TV, and Events

- Powering Video Villages and camera carts
- Recharging SMALLER batteries
- Powering small electronics such as POS systems, laptops and speakers

Emergency

- LED lighting
- Electronic device charging (phones, tablets & laptops)
- Powering drone ecosystems: recharging batteries, goggles and command systems
- Powering communications infrastructure (e.g. Satellite Mini for 15 hours without recharging)
- Short-term backup for small refrigerators and home appliances
- Powering medical devices (e.g. CPAP, oxygen concentrators, wheelchairs)

Construction

- Recharging power tool batteries (cheaper than tool batteries per Watt-hour)
- Powering drones and communications on remote sites
- Powering small 110V tools

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SPECIFICATIONS

SunCase Version

605



Pure Sine Wave Inverter	600W on 120V models, and 700W on 230V models
Battery Type	Lithium Iron Phosphate (LiFePO4)
Storage Capacity	537Wh
Estimated Cycle Life based on an 80% Depth of Discharge (subject to other variables including temperature and load)	6,000
Output Options	Models have either 2 110V 60Hz 15A Outlets or 2 230V 16A 50Hz Universal Outlets, All models have 1 12V 10A, 1 24V 20A XT90, 1 5V USB, and 1 USB C Outlets
DC Nominal Voltage	24V
Solar Charge Controller	13-100V 400W Max
AC Charging Included	500W Internal Built-In
Circuit Breaker Protection	Included
Recommended Operating Voltage Range	21.6-29.2V
Operating Temperature Range	Discharge: -4 to 140 °F (-20 to 60 °C), Charge: 32 to 131 °F (0 to 55 °C). Please inquire for arctic models
Weight	17.6 lbs (8 kg)
Case Dimensions	15"x11"x8" (36x27x19 cm)
Box Dimensions	17"x14"x11" (42x34x27cm)
Warranty and Certifications	24 MONTHS LIMITED MANUFACTURER'S WARRANTY, UN38.3, CE, RoHS compliant, UL1973 (Cell), UL 489 Listed, CSA C22.2 No. 5, UL 489 Listed (Circuit Breaker), manufactured in an ISO 9001 certified facility.

