



Using the Sun to Build a Better Generator™

# SUNKIT 5050INT

A rapidly deployable off-grid or backup solar power system capable of operating lights, electronics and many other appliances for offices, evacuation centers, and other large group facilities for longer durations

Industrial-grade steel indoor enclosure with 5000 Watts of AC power output and/ 5120 Watt-hours of energy storage. Ready to accept up to 5000 Watts of solar PV, while also being able to charge quickly from portable generator or utility mains AC power sources.



## BENEFITS

- ✓ Set up in minutes. This is a fully integrated solar power and energy storage system in a single enclosure. Just attach the solar array or AC charging source and plug in your lights and appliances
- ✓ Hybrid inverter with UPS function for immediate backup power from batteries when grid failure occurs. Silent, emission free operation allows safe indoor use
- ✓ Heavy duty wheels allow unit to be easily moved or locked in place

## APPLICATIONS

- ✓ Multi-person mobile office (for extended, or permanent use)
- ✓ Suitable for sensitive electronic devices including medical equipment\*
- ✓ Evacuation centers or command posts (indoor)



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# Specifications

SunKit Version	5050INT
Pure Sine Wave Inverter	5000W Continuous (10kW 5 sec surge)
Battery Type	Lithium Iron Phosphate (LiFePO4)
Storage Capacity	5120Wh
Estimated Cycle Life based on an 80% Depth of Discharge (subject to other variables including temperature and load)	6000
DC Nominal Voltage	51.2V
AC Output Options	240V AC 50/60Hz
Solar Charge Controller	80A@ 51.2V DC, 4000 Watts PV Max (MPPT range 120V-450VDC)
AC Input	230V AC in with programmable battery charging current (set to 10A default)
Circuit Breaker Protection	Yes
System Operating Voltage Range (Default)	44-66V DC
Operating Temperature Range	14-122°F (-10 to 50°C)
Weight	243 lb (110kg) [132 lb (60kg) without 110lb (50kg) battery]
Enclosure Dimensions	28"x24"x16" (70cmx60cmx40cm) [4" (10cm) wheel height]
Warranty and Certifications	2-YEAR LIMITED MANUFACTURER'S WARRANTY, UN 38.3 and CE Certified (Inverter and Battery)

