

SUNKIT NEXUS

PORTABLE SOLAR GENERATOR

A **reliable, flexible** and **powerful** solar storage solution that brings affordable clean energy to anyone, anywhere.

RELIABLE

Power when you need it, without having to refuel

FLEXIBLE

Connect to any commercial solar panel 500-2,000W and swap out components for increased capacity

POWERFUL

Power most 120v tool, appliance or device, while simultaneously charging from solar

FAST SET-UP

Comes pre-wired on a sturdy backplane for easy and versatile set up

AFFORDABLE

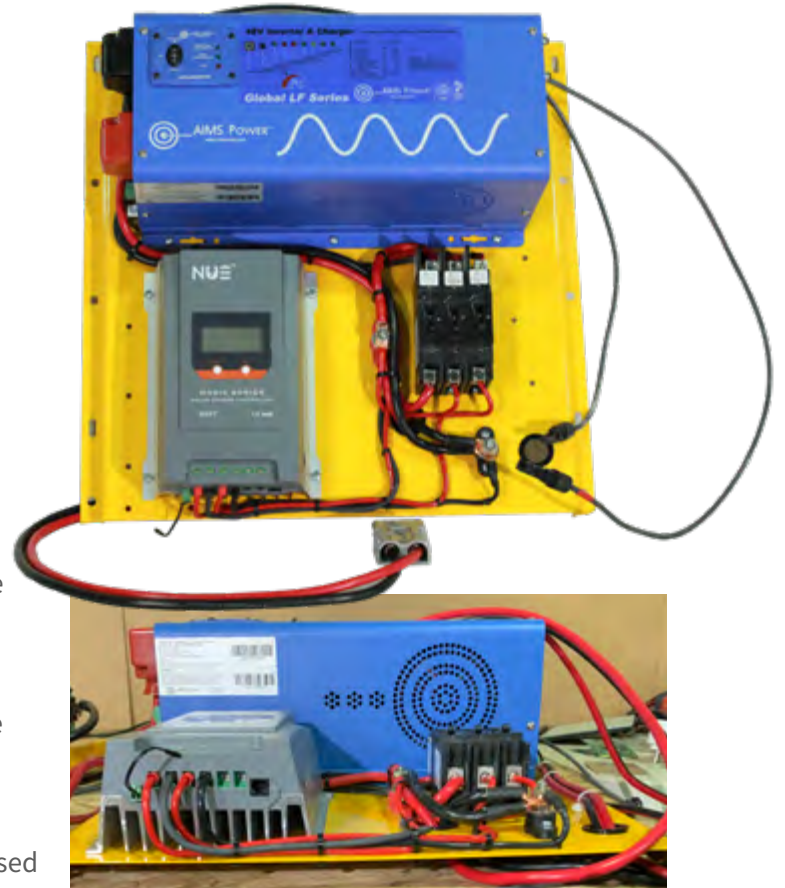
Save costs by providing your own enclosure. Replace and upgrade every component for long-term value.

ACCESSIBLE

Open design makes it easier to troubleshoot, replace parts and allow for ventilation

SUSTAINABLE

Upgradeable and repairable, can also utilize repurposed components, supporting a circular economy



Designed for easy access and affordability, the **SunKit Nexus** is a powerful solar alternative to a small portable generator. Its open format on a sturdy backplane makes it possible to service in the field or swap out components, while allowing you to use your own enclosure to save costs. Use with any commercial solar panel (1 to 6 panels) to allow a range of electrical loads or charge quickly from an AC source. A unique battery priority setting on the inverter only uses the grid when necessary so you can power from solar or battery as much as possible.

Uses:

- Emergency Response
- Residential Off-grid Power
- Off-grid Medical Facilities
- Evacuation Centers
- Remote Locations
- Worksites
- RVs & more



[CLICK TO CONTACT US TODAY](#)



NEW USE ENERGY SOLUTIONS, INC. • newuseenergy.com • sales@newuseenergy.com

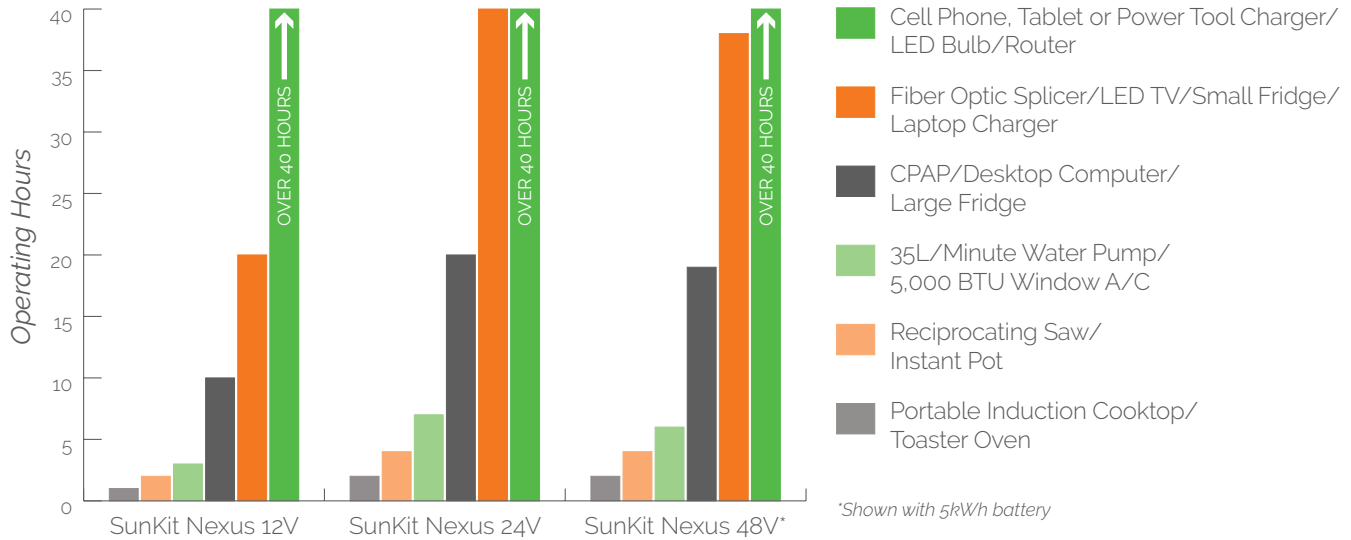
941 S. Park Lane, #118, Tempe, AZ 85281 • +1 844 941 3476

[/newuseenergy](#)

SUNKIT NEXUS

PORTABLE SOLAR GENERATOR

WHAT DOES IT POWER?



NOTE: Actual appliance specs will vary based on make and model. Watts indicated are for steady-state operation. Some appliances have a brief initial surge upon starting but the SunKits are capable of handling this surge. Operating times are based on 85% of stated battery capacity.

SPECIFICATIONS

SunKit Version	SunKit Nexus 12V**	SunKit Nexus 24V**	SunKit Nexus 48V**
120V AC Pure Sine Wave Inverter (50/60Hz)	1500W Continuous; High Frequency	2000W Continuous Low Frequency	2000W Continuous Low Frequency
Battery Type	Lead-acid or LiFePO4		
Storage Capacity (kWh)	2.0	4.0	5
DC Nominal Voltage	12V	24V	51.2V
20 Second Surge Rating	4000W	6000W	6000W
Idle Power Consumption (Power Saver Off/Power Saver On)	9.6W (No Power Saver)	26.5W / 12.2W	48W / 12.7W
Solar Charge Controller	40A MPPT, 100VDC MAX	40A MPPT, 150VDC MAX	40A MPPT, 150VDC MAX
AC Charger	Optional	Included 30 ADC	Included 20 ADC
DC Load Output	30A at 12V DC	30A at 24V DC	30A at 48V DC
PV Input Range	up to 520W DC (Max 100Voc)	up to 1,000W DC (Max 100Voc)	up to 2,000W DC (Max 100Voc)
Environmental Relative Humidity Range	10 - 90%	10 - 90%	10 - 90%
Weight	35lbs (15.9kg) approx.	50lbs (22.7kg) approx.	50lbs (22.7kg) approx.
Dimensions (WxHxD)	21.5"W x 21.75"H x 8.5"D (546 x 552 x 216mm)		
Warranty	1-YEAR LIMITED MANUFACTURER'S WARRANTY		
Disclosures & Warnings	<p>Flames or high heat are dangerous with Li-ion; do not use around flames or at temperatures higher than 60C. DO NOT disassemble the battery. DO NOT use a battery with scar or deformation. DO NOT puncture or open battery cells. If SunKit is dropped or damaged, do not use—consult with a professional to ensure no danger exists. *Prices, terms and specifications are subject to change at the sole discretion of New Use Energy.</p>		

*Shown with 5kWh battery

**Different battery options available, check with NUE



NEW USE ENERGY SOLUTIONS, INC. • newuseenergy.com • sales@newuseenergy.com

941 S. Park Lane, #118, Tempe, AZ 85281 • +1 844 941 3476

/newuseenergy