

Energy Storage Solution

NRGX3000S24 UPS with Li-ion Battery & Solar

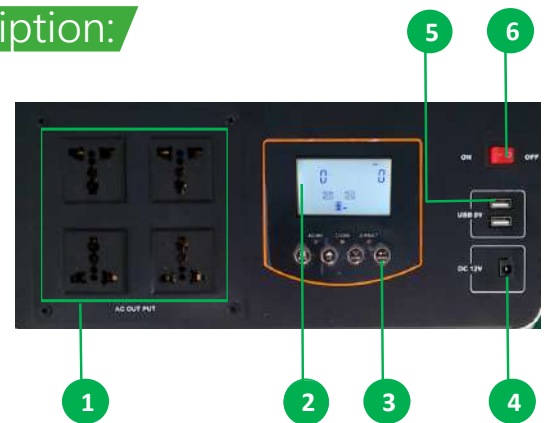


Features:

- ◆ High energy on wheels (3kVA UPS, Li-ion battery)
- ◆ Full LCD display
- ◆ High Input Voltage Range
- ◆ High efficiency
- ◆ Plug & play unit, Easy installation
- ◆ Pure sine wave for your sensitive devices
- ◆ Fast charging
- ◆ USB Port for Charging electronic devices
- ◆ 4 Output Socket

User Panel Description:

1. AC Output
2. LCD Display
3. Control Keys
4. DC 12V Output
5. USB 12W
6. INV ON/OFF Key



Features higher capacities for greater compatibility with more power-hungry devices, and the latest in USB-C Power Delivery capable of charging larger USB devices like laptops.



Includes pre-installed solar charging optimization module that functions as a maximum power point tracker (MPPT), resulting in up to 40% faster charge times.



With LiFePO4 lithium cells, known for stability and safety, monitored by a state-of-the-art battery management system that prevents over-charge, over-current, and short circuiting.



MODEL	NRGX3000S24	
Inverter	Rated power	3kVA
	Output voltage waveform	Pure sine wave
	Output voltage regulation On Battery Mode	230Vac $\pm 5\%$
	Output frequency	50Hz / 60Hz ($\pm 0.2\text{Hz}$) Auto Sensing
	Peak efficiency	92%
	Nominal DC input voltage	24Vdc (± 0.3)
	Standby Consumption	< 25W
PV Input	Max solar power input	1800W
	PV max charging current	60A ($\pm 3\text{A}$)
	Combined charging current	80A ($\pm 4\text{A}$)
	Max efficiency	98.0% max
	PV array open circuit voltage	145VDC
	PV Array MPPT Voltage Range	30~120VDC
AC Input	AC input voltage	230Vac $\pm 5\%$
	Input Voltage Range	180-280V AC
	Nominal input frequency	50Hz / 60Hz (Auto detection)
	Transfer time	<10ms (UPS, VDE), <20ms (Typical)
AC Charge	Charging current @ Nominal input voltage	20A/30A ($\pm 4\text{A}$)
	Charging Algorithm	4-step (Li)
Output	AC output	230Vac (Socket *4pcs)
	Type-C	DC output*1pcs
	USB (5V 2.4A)	DC output*2pcs
	USB (12V 1A)	DC output*1pcs
Lithium Battery	Battery type	LiFePO ₄
	Standard charging & discharge current	50A
	Operation temperature	Charge 0~45°C
		Discharge -10~60°C
Dimension	Product Size (LxWxH) (mm)	300x350x530
	Net Weight (kg)	37.2Kg

*Specifications are subject to change without prior notice.