

Energy Storage Solution

NRGX3000S24 UPS with Li-ion Battery & Solar

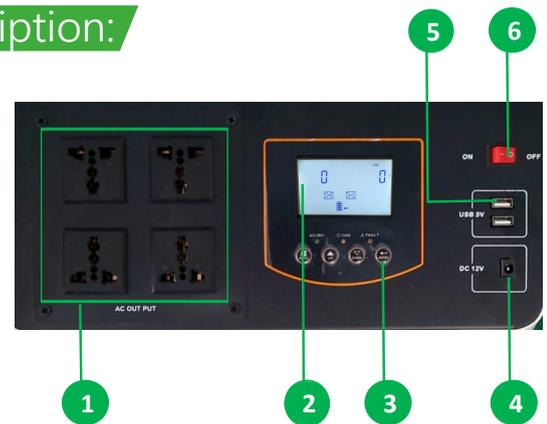


Features:

- ◆ 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 ±5%	
	Output frequency	50Hz / 60Hz (±0.2Hz) 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 (±3A)	
	Combined charging current	80A (±4A)	
	Max efficiency	98.0% max	
	PV array open circuit voltage	145VDC	
	PV Array MPPT Voltage Range	30~120VDC	
AC Input	AC input voltage	230Vac ±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 (±4A)	
	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.