

NIUESS

● NE-1200 / 1228Wh

# Portable Power Station

This product is a portable energy storage power supply with a built-in high-efficiency power LIFEPO4 battery, a safe lithium battery management system (BMS), and an efficient energy conversion circuit. It has the characteristics of light weight, small size and high power, providing customers with convenient mobile power. An external battery pack can be added to adapt to the 400W portable folding photovoltaic panel charging interface, and it supports various charging methods such as mains and car chargers.



switch within  
20ms











80% charged  
within one hour

X-Turbo  
Intelligent Inverter Technology

1200-2400W  
Devices startup



## USE REFERENCE

 Approx. <b>76</b> times Phone(16Wh)	 Approx. <b>18</b> times Laptop(65Wh)	 Approx. <b>76</b> times Camera(16Wh)	 Approx. <b>68</b> times Drone(18Wh)
 Approx. <b>10.2</b> hrs Projector(120W)	 Approx. <b>3</b> times Rice cooker(700W)	 Approx. <b>14</b> times 1.7L Kettle(1500W)	 Approx. <b>61.4</b> hrs USB/DC Light(20W)

## FEATURES



Use safe Li-battery as the main part, with the characteristics of small size, high capacity, light weight, high power, portable and so on



Intelligent automatic dynamic charge and discharge management platform, multi-function digital display, real-time display the power, battery voltage, charge and discharge power



Ultra-power X-Turbo technology can drive high-power equipment with peak power of 2000W, expanding the range of use;





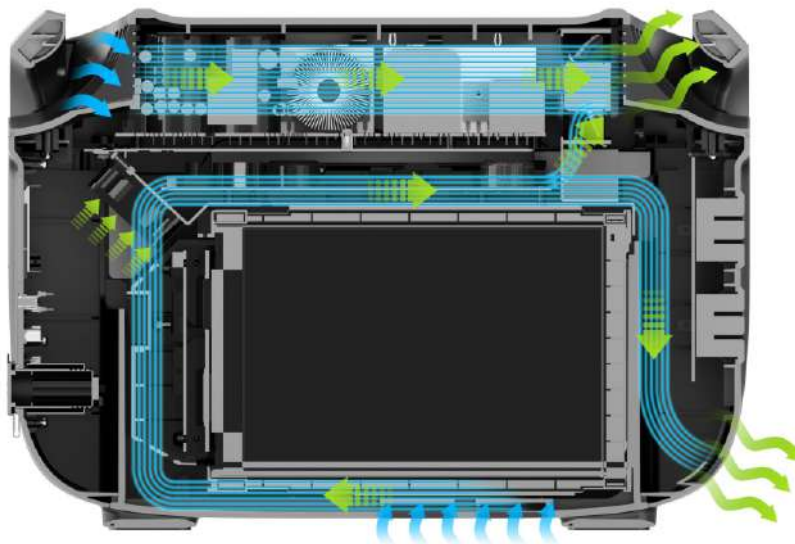
Adopt X<sup>2</sup>-CHARGING bidirectional power fast charging technology, realize the intelligent conversion of DC-AC power, and ensure the output of sine wave current comparable to the mains;

## PARAMETER

Basic Specifications	Capacity	1228Wh	N.W.	18Kg
	Size	403*223*298 mm (L*W*H)	Cell Phone APP	Support
	Certificates & Reports	CE/FCC/PSE/RoHS/UKCA/UL 2743		
Output	Max. Power	2400W	Type-A Ports*2	DC5V, 12W(max)
	Type-A Fast Charging Ports*2	DC5V, DC9V, DC12V, QC3.0, 30W(max)		
	Type-C Ports*2	DC5V, DC9V, DC12V, DC15M DC20V PD3.0,100W(max)		
	Cigar Lighter	136W,13.6V DC,10A(max)	DC 5521	13.6V DC, 10A (max)
	Inverter AC*2	Pure sine wave, Rated power 1200W, Peak 2400W, 90~264Vac(50Hz/60Hz) Intelligent inverter system: support1200~2400W Load		
Input	Car Charging	12V/24V DC, 10A (max), 200W(max)		
	PV Charging	11~65V DC, 10A (max)	AC Charging	1000W (Max), 90~264Vac(50Hz/60Hz)
Battery	Battery Type	Lithium Iron 51.2V 24AH	Cycle Times	2000 cycles (over 80% capacity left)
	Charging T. (°C)	0°C~45°C ±3°C	Discharging T. (°C)	-20°C~50°C±3°C

### Product heat dissipation trend chart:

 TMS thermal energy management system  Air duct flow trend chart



The product is a portable energy storage power supply with a built-in-high-efficiency power lithium-ion battery,a safe lithium battery management system(BMS), efficient thermal energy enmanagement system(TMS )



#### Intelligent management system(BMS) multiple security guarantees

High temperature / low temperature, overdischarge / overload, short circuit, excessive voltage / excessive current flow battery fault protection

#### High-rate automotive-grade power cell

UL-certified high magnification capacity  
2000 cycles (80% DOD)







Good time  
it's more comfortable





## 🟡 Self-driving travel, can take more and longer.

12 different categories of output interface, can use more type of products, and is equipped with Cigar lighter interface, can the accessory for electric power







## Emergency power backup he is a trusted household UPS.

The product itself have UPS function, Can meet family online for electricity and power failure emergency needs, Ensure electric power continuously





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