

Replacing diesel generators
Energy Storage Power

N45

5120Wh



AC High Power Output
Max 4500W

Maximum solar input: 1200W

Reduce your electricity bills and strain on the grid by drawing power from the N45 to power your home during peak tariff hours. Charge your N45 during off-peak hours using low-cost or renewable energy sources.

5120 Wh

Battery capacity

4500 W (230V)

3600 W (110V)

Rated power

5500 W

(230V)

peak power



AC Input

PV Input

100-120V~60Hz / 1200W Max
220-240V~50Hz / 1500W Max

12-80V/20A.Max1200W



A good helper for outdoor homework

High power suitable for various electrical appliances, environmentally friendly and high-energy



Building construction

4500W



Logging operations

4500W



RV road travel

5120Wh





Supports High-Power Charging

AC Input: 1500W Max

The N45 supports high-power charging, significantly reducing charging time. It eliminates the need to occupy charging equipment for long periods, enhancing convenience in both daily life and work. With a more efficient charging process, it reduces energy waste and provides an excellent long-lasting battery experience

3 charging method



solar Charging

About 5 hours to fully charge



AC Charging

About 4 hours full



Cigarette
Lighter Charging

About 50 hours to fully charge

Choice exceeds expectations, energy exceeds imagination

Unlike gasoline power generation, it provides you with battery life in the event of a power outage, allowing you to keep your equipment running. The MPPT solar input device with a capacity of up to 1200W can quickly charge or maintain device operation without depleting the panel load battery. Do you remember when you were worried about a power outage? Don't worry anymore, let's get to know each other better





Safe and intelligent And constantly developing

The advanced battery management system and LiFe-PO4 chemical composition bring incredible safety and durability to the N45. Firmware of built-in dual core microcomputer and Internet connected N45 can be upgraded through Internet connection. There is no best, only better!

Intelligent power management



A comprehensive and multiple protection mechanism ensures the safe and reliable operation of the equipment.



Over Discharge Protection



Overload Protection



Overcharge Protection



Short Circuit Protection



Overvoltage Protection



Over Temperature Protection



Low Temperature Protection

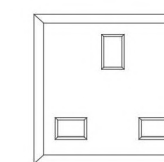


Basic product data parameters

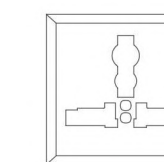
model	N45	Car charger output	12V/10A
capacity	5120Wh (51.2V/100Ah)	USB-A	QC3.0×1
Solar input	12-80V/20A.Max1200W	Number of cycles	≥3000 Cycles
AC input	100-120V~60Hz / 1200W Max	AC output	230V 4500W Max
	220-240V~50Hz / 1500W Max		110V 3600W Max
size (L*W*H)	622*420*520 mm		



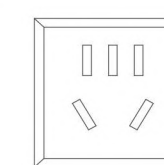
support AC output socket from multiple countries



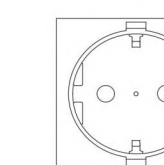
UK



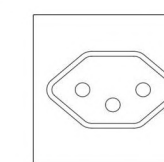
Universal port



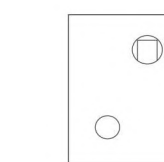
CN



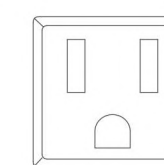
EU



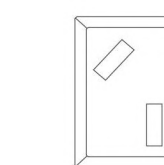
Swiss port



South Africa port



US/JP



AU

N45

Interface size details



Size: 622*420*520mm

Usage scenarios

Flexible power plants that meet various scenarios and have different uses.



Energy storage power supply with ultra strong endurance

Suitable for various scenarios



construction site



Rural fields



Isolated island



shops



RV travel (outdoor camping)