

Portable Energy Storage System

EnerX 3000

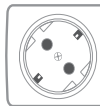
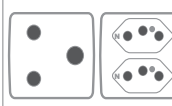
Features

- ◆ Plug and play, easy installation
- ◆ 3000 Watt AC output power
- ◆ 3000 Watt fast charging power
- ◆ Flexible configuration design
- ◆ Safety guard design to protect all you needs
- ◆ Moveable and home energy storage system
- ◆ Multiple AC & DC outputs supports
- ◆ Three ways to power on by grid, solar and battery
- ◆ Wi-Fi connection and App remote control

Applications

- ◆ Home Energy Storage System
- ◆ Prefabricated Houses
- ◆ Holiday Markets and Bazaars
- ◆ Shopping Mall Vendors
- ◆ Dining Cars / RV
- ◆ Constructions Fields



Model Name	ESS3001-1V00	ESS3001-2V00	ESS3001-2V01	ESS3001-2V02	ESS3001-2V03	ESS3001-2V04
Nominal Output Power (W)	3000					
AC Output						
AC Voltage Regulation (Vac)	100 / 110 / 120 ± 5% (Battery Mode)	220 / 230 / 240 ± 5% (Battery Mode)				
Surge Power (VA)	6000					
Transfer Time (ms)	< 20					
Waveform	Pure Sine Wave					
Socket Type	NEMA × 4 	Universal × 3 	EU × 3 	UK × 3 	SA × 3 	SA × 1 & BRAZIL × 2 
DC Output						
DC Output Ports	2 USB-C (PD 3.0) : 2 USB-A					
USB-C Output	20V / 3.25A : 9V / 2A : 5V / 3A					
USB-A Output	9V / 2A : 5V / 3A					
AC Input						
Nominal Voltage (Vac)	100 / 110 / 120	220 / 230 / 240				
Voltage Range (Vac)	60 ~ 140	90 ~ 280				
Frequency (Hz)	50 / 60 (Auto Sensing)					
AC Charge Current (A)	100 (max.)					
PV Input						
Maximum Power (W)	3000					
Operating Voltage Range (Vdc)	60 ~ 400					
Open Circuit Voltage (Vdc)	450 (max.)					
DC Charge Current (A)	100 (max.)					
Battery						
Energy (Wh)	2500					
Nominal Voltage (Vdc)	25.6					
Typical Capacity (Ah)	100					
Full Charge Voltage (Vdc)	28.2					
Charge Current (A)	100					
Full Discharge Voltage (Vdc)	22.0					
Continuous Discharge Current (A)	120 (max.)					
Discharge Current (A)	200 (max.)					
Protection	BMS, Breaker					
Lifecycle*	≥ 3500 cycles					
* 0.5C charging / discharging ≥ 80% @ EOL 100% DoD						
User Interface						
Function Keys	Touch PAD					
Communication	Wi-Fi					
Mechanical						
Dimension (D × W × H mm)	450 × 600 × 222					
Net Weight (kgs)	42					
Safety Standard						
Certifications	IEC/EN 62109-1/-2, EN 61000-6-4, EN 61000-6-2, IEC 62619, UN 38.3, EN 55032, EN 55035					

Matters needing attention: When installing EnerX 3000 portable energy storage systems, please ensure that the equipment complies with local power regulations, have a qualified electrician install the ATS automatic transfer switch, and confirm the normal operation of the system to ensure the power consumption of terminal equipment and avoid the hidden danger of power interruption.

EnerXPack 2500 - Expand Battery Module

- ◆ Only operated in parallel with EnerX 3000
- ◆ Flexible configuration from 2.5kWh to 7.5kWh

Model Name	EnerXPack 2500
Cell Material	LFP
Output Energy (kWh)	2.5
Nominal Voltage (V)	25.6
Full Charge Voltage (V)	28.2
Full Discharge Voltage (V)	22
Maximum Discharge Current (A)	200
Protection	BMS, DC Breaker
Mechanical	
Dimension (mm)	450 × 600 × 222 mm
Net Weight (kgs)	25
Environmental	
IP Protection	IP 20
Safety	
Certifications	UN 38.3 / IEC 62619

▼ EnerX 3000



EnerXPack 2500 ▼



System Configurations

Output Power (kW)

3kW



2.5kWh

5.0kWh

7.5kWh

Battery Capacity (kWh)