



Portable Energy Storage System

EnerX 3000



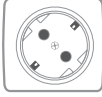


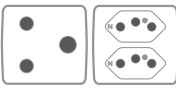
Features

- ◆ 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 x 5	 Universal x 4	 EU x 4	 UK x 4	 SA x 4	 SA x 2 & BRAZIL x 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						
<small>* 0.5C charging / discharging ≥ 80% @ EOL 100% DoD</small>							
User Interface							
Function Keys	Touch PAD						
Communication	Wi-Fi						
Mechanical							
Dimension (D x W x H mm)	450 x 600 x 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						

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 x 600 x 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)

6kW



3kW



2.5kWh

5.0kWh

7.5kWh

15.0kWh

Battery Capacity (kWh)