

# Powerporter

## RESIDENTIAL ENERGY STORAGE SOLUTION

CAPACITY: 9/12/15 kWh



### CATL Automotive Grade LiFePO4 Battery

With higher energy density, more stable performance & greater power.



### Flexible and Scalable

Scalable battery from 9/12/15kW option (Max.4 in parallel, up to 60kWh) to suit specific energy consumption.



### High Efficiency

Competitive round-trip efficiency all-around system.



### Compatibility With the Leading Hybrid Inverters

Compatible Inverters: Growatt, Deye, Senergy, LuxPowerTek, SRNE, TBB POWER, etc.

# Technical Specification

## Main Parameter

Model	Powerporter 9.0	Powerporter 12	Powerporter 15
Cell Technology	Lithium-iron Phosphate (CATL LiFePO4)		
Nominal Energy	9.0kWh	12.28kWh	15.46kWh
Usable Energy	8.8kWh	12.03kWh	15.15kWh
Round-Trip Efficiency	98%		
Scalability	Max. 4 Modules in Parallel (Max. 60kWh)		
Dimensions(L/W/H)	830*460*200mm	900*460*200mm	980*460*230mm
Weight	75kg	112kg	120kg
Installation	Standing/Wall-Mounting		Standing
Warranty	5 Years		
Certification	CE/ UN38.3		

## Electrical Parameter

Nominal Voltage	51.2V		
Nominal Capacity	176Ah	240Ah	302Ah
Max. Charge Current	125A	125A	230A
Cont. Charge Current	100A	100A	200A
Max. Discharge Current	125A	200A	230A
Cont. Discharge Current	100A	100A	200A
Charge Voltage	51.5V~54V	51.5V~54V	51.5V~54V
Discharge Voltage	45V~54V	45V~54V	45V~54V
Cont. Discharge DC Power	5000W	5000W	10000W
Max. Discharge DC Power	10000W (More than 2 unites in Parallel)		30000W (More than 3 units in parallel)

## General Parameter

Cycle Life	≥6000 Times (90%DoD)
Service Life	10 Years
Protection Rating	IP31
Communication	CAN 2.0/ RS485
Charge Temperature Range	0°C~45°C
Discharge Temperature Range	-20°C~45°C
Storage Temperature Range	20°C~25°C (Below 85% relative humidity)
Compatible Inverters	Growatt, Deye, LuxPowerTek, SRNE, TBB POWER, Senergy, Megarevo

\* Compatible tests with different brands of inverter are continuously, updates will be irregularly.

\*\* When the temperature is below 0°C or above 45°C, the performance will be limited.

**Power every corner of the world  
with new energy.**



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