

LiFePO4 Battery 51.2V 280Ah

Long cycle life, 6000 times cycle,
5 years warranty

It is equipped with intelligent BMS
for each battery pack to manage
modules effectively.



51.2V 280Ah 15kWh Floor-Standing Energy Storage Battery



Parameter

Floor-standing Energy Storage Battery (Home)

Model	XPE-51300
Standard Voltage	51.2VDC
Voltage	43.2-57.6VDC
Nominal Capacity	300Ah
Rated Capacity	15.36kWh
Communication Protocol	CAN / RS485 / WIFI / Blue Tooth
Efficiency (at 0.5C)	90%
Cell Self-Discharge	<5 % / Month
Maximum Allowed Modules in Parallel	15PCS (230.4kwh)
Depth of Discharge	Up to 100%
Useful Life	8-10 Years
Cycle Life	6000 (@ 80% DoD)
Protection	Over temperature, over-current, short circuit, over-charging, over-discharging, Low voltage
Charge Specifications	
Recommended Charge Current	100A
Maximum Charge Current	100A
Recommended Charge Voltage	57.6V
Recommended Discharge Current	100A
Maximum Discharge Current	100A
Battery Recovery Voltage	43.2V
Mechanical Specifications	
Dimensions (mm)	850*530*250
Terminal Type	M8
Case Material	Industrial Grade Iron
Enclosure Protection	IP20
Installation	Floor-standing
Cell Type Chemistry	LiFePO4
Temperature Specifications	
Discharge Temperature	-20~60℃
Charge Temperature	0~55℃
Storage Temperature	-20~55℃
Certification Standard	
Safe Certifications	CE,FCC, CCC
Shipping Classification	UN 38.3, UN 3480, Class 9

Introduction

This stand mode LifePO4 lithium battery belongs to one of the series of household energy storage products that are independently designed and developed. It has long cycle life, high safety standard BMS software protection and strong housing, exquisite looks, and easy installation, etc. It is widely used in energy storage system with off-grid inverters, on-off grid inverters and hybrid inverters.

Feature

- ✓ >6000 times deep cycle charge and discharge
- ✓ BMS intelligent system, Multiple built-in protection
- ✓ Support connected in parallel mode for expansion
- ✓ The max parallel quantity is 15pcs

Application



Communication base station energy storage



Home energy storage



Backup power



Solar panels



Industrial energy storage



Mountain communication base station



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