



LFP 14336

LifePo4 Battery ESS

- △ Compact design and convenient installation
- △ Support max. 16pcs batteries in parallel&Series
- △ High inverter compatibility
- △ High usable energy ratio, less self-consumption



Multi scenario application in living room, bedroom, and garage etc.

PRODUCT FEATURES



>6000
Cycle Life@25°C



Automatic
Wake-up Function
Under off-grid System Environment



Multiple Safety
Protection
Relay, Fuse, DC Breaker



New&Old Batteries can
be used in together
Connect in Parallel



Smart BMS
Self-developed BMS



Remote Monitoring
Self-developed APP



Parallel& Series
Assembly Freely in Series or
Parallel Up to 16S16P



Voltage Balancing
Voltage Balancing between
Battery Cells&Battery Pack



Technical Specification

Model		LFP-14336
Nominal Energy (Wh)		14336
Nominal Capacity (Ah)		280
Nominal Voltage (V)		51.2
Charging/Discharging Cut-off Voltage		58.4±0.3V/38.4±0.5V
Operation Voltage Range (V)		48~56
Recommend Charge Current (A)		200
Max. Continuous Charge Current (A)		200
Recommend Discharge Current (A)		200
Max. Continuous Discharge Current (A)		200
Max. Connection Number		16S16P
Operation Temperature (°C)	Charge	0~55
	Discharge	-20~55
Operation Humidity		20~80%RH(No condensing)
Protection Degree		IP21
WIFI Frequency Range		2400MHz~2483MHz
Over Voltage Category		II
Cooling Type		Natural convection
Dimension(mm)		420*750*230
Net Weight (kg)		115
Color		White
Case Material		Metal
Installation		Wall/Ground Mounting
Certification		Cell UL 1973/CE
Communication		CAN/RS485
Cycle Life		>6000 Cycles (25°C)
Transportation		UN38.3
Battery Type		LifePo4 Battery
Battery Protection		Over-current/Over-voltage/ Short circuit/ Under-voltage/ Over temperature

*Testing conditions based on temperature 25°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from CTE 0.2C CC-CV.