


51.2V300Ah

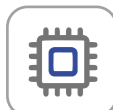
Roller skating Lithium Iron Phosphate (LiFePO4) Battery Pack





▲ This picture is for reference only


 Wide Applications Off-grid, Hybrid , Back-up, Peak Shaving, and Virtual Power Plant Home Appliances, Uninterrupted Power Supply

 Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 4500 times


 Intelligent battery management system High reliability BMS, 10 years tested. Accurate & Stable

 Support a variety of communication protocols, support RS485,RS232,CAN

 Compatible with leading inverters

 In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safe to use.

Technical specifications

Product	
Model number	51.2V300Ah
Rated battery voltage	51.2V
Energy	15360Wh
Nominal capacity	300Ah
Combination mode	16S1P
Cycle life	≥6000cyc@80%DOD@35°C
Monthly self-discharge	3%/month
Charging efficiency	≥97%
Discharge efficiency	≥98%
Recommended charging voltage	57.6V
Recommended charging current	100A
Maximum charging voltage	58.4V
Maximum charging current	150A
Recommended discharge current	150A
Maximum discharge current	150A
Discharge termination voltage	43.2V
Battery Size (W*D*H)(mm)	902*518*235MM
Package size (W*D*H)(mm)	935*540*395MM
Net weight (kg)	115.5kg
Gross weight (kg)	130.5kg
Class of protection	IP30
Shell material	Case of metal
Charging temperature range	0°C~45°C
Discharge temperature range	-20°C~60°C
Storage temperature	0°C~40°C
Humidness	10%-85% relative humidity (no condensation)
communication	CAN/RS232/RS485
scalability	Max 15pieces in parallel

Connection diagram

