

HarveyPow 15kWh 51.2V 300Ah LiFePO4 Battery

A floor-standing low-voltage lithium iron phosphate energy-storage battery with a compact mobile enclosure, touchscreen monitoring, active balancing and broad inverter compatibility.



- COMPACT MOBILE DESIGN**
Floor-standing enclosure with a small footprint and caster wheels.
- LONG CYCLE LIFE**
At least 8,000 cycles at 25°C under the stated operating conditions.
- HIGHER SAFETY**
LiFePO4 chemistry, BMS protection and active balancing.
- WIDE COMPATIBILITY**
RS232, RS485 and CAN interfaces, plus Wi-Fi and Bluetooth.
- SCALABLE STORAGE**
Supports parallel expansion up to 16 battery units.
- TOUCHSCREEN DISPLAY**
Integrated display for local battery status and monitoring.

TECHNICAL SPECIFICATIONS

Model	5F512314-JK	Battery chemistry	LiFePO4
Rated voltage	51.2V	Rated capacity	300Ah
Energy	15kWh	Voltage range	43.2-58.4V
Charge voltage	58.4V (60V max.)	Connection	16S1P
Recommended C-rate	0.5C	Maximum C-rate	1C
Charge current	Up to 150A	Continuous charge current	Up to 150A
Maximum charge/discharge current	150A	Efficiency	At least 95%
Recommended depth of discharge	90% DOD	Cycle life	At least 8,000 cycles at 25°C
Operating temperature	-20°C to 55°C	Ingress protection	IP20
Communication	RS232, RS485, CAN, Wi-Fi, Bluetooth	Scalability	Up to 16 units
Display	Touchscreen	Installation	Floor-standing
Dimensions	470 x 950 x 200 mm	Net weight	120 kg +/- 3 kg
Design life	15+ years	Certification	UN38.3, MSDS, etc.