

POWER LFP
THE HEIGHT OF
PERFORMANCE



Jama

LiFePO4
BATTERY SYSTEM

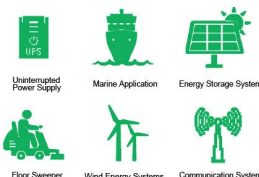
A New Era in Energy Storage RA51100 51.2V 100Ah

Feature

- Eco-friendly
- Lithium iron phosphate battery (LiFePO4)
- Currently the safest lithium technology
- Excellent resistance to abuse
- Less than 3% self discharging
- Maintenance-free, modular and light weight
- Up to 60% weight saving
- Battery monitoring storage history
- Built in safety protection
- Quality guaranteed
- 5 Years Warranty
- 10-15 Years Designed service life
- Available communication ports



Application

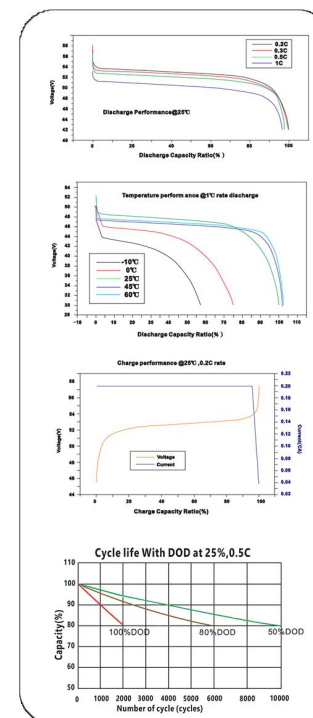


Technology

Lithium iron battery technology (LiFePO4). This is the safest lithium technology available today. On top of that our bespoke casing and electronics further increase safety and durability.

Safe

LiFePO4 technology is an environmentally friendly way to store energy.



ELECTRICAL SPECIFICATIONS	
Nominal Voltage	51.2V(16S)
Nominal Capacity	100AH
Energy	5.12KWH
Efficiency	99%
Self Discharge	< 3% per month

DISCHARGE SPECIFICATIONS	
Max continuous Discharge current	100A
Peak Discharge Current	150A(<100mS)
Recommend Discharge current	50A

TEMPERATURE SPECIFICATIONS	
Discharge Temperature	(-20~+60°C)
Charge Temperature	(0~+50°C)
Storage Temperature	(-30~+60°C)

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	465*442*158mm
Weight	42.5KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4

CHARGE SPECIFICATIONS	
Recommended Charge Current	45A
Maximum Charge Current	90A
Recommended Charge Voltage	About 43.2V

COMPLIANCE SPECIFICATIONS	
Shipped product charge	100% battery volume delivery
Package material	Lithium battery volume delivery
Shipping Classification	UN 3480, CLASS 9



Certifications Applicable to the Design and Manufacture of Lithium Iron Phosphate Batteries

