



POWER LFP  
THE HEIGHT OF  
PERFORMANCE



Jama

LiFePO4  
BATTERY SYSTEM

## A New Era in Energy Storage

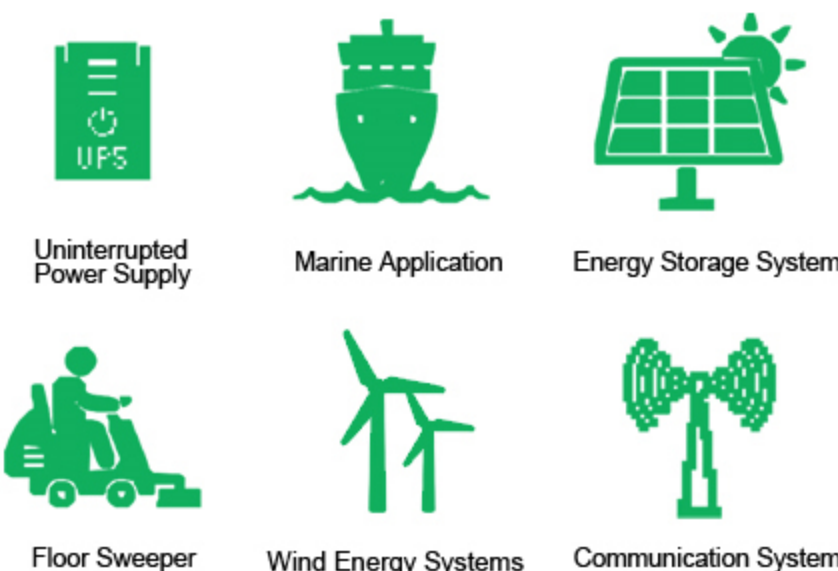
### RA48100 48V 100Ah

### 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

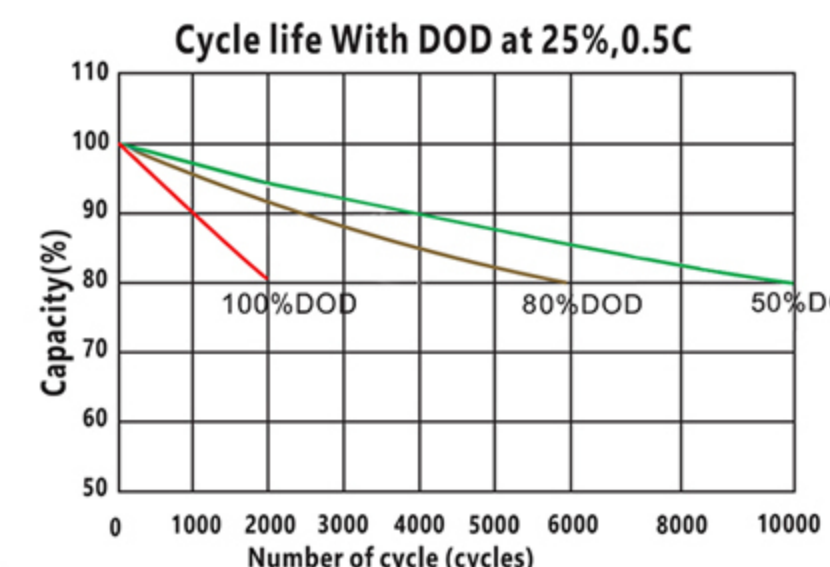
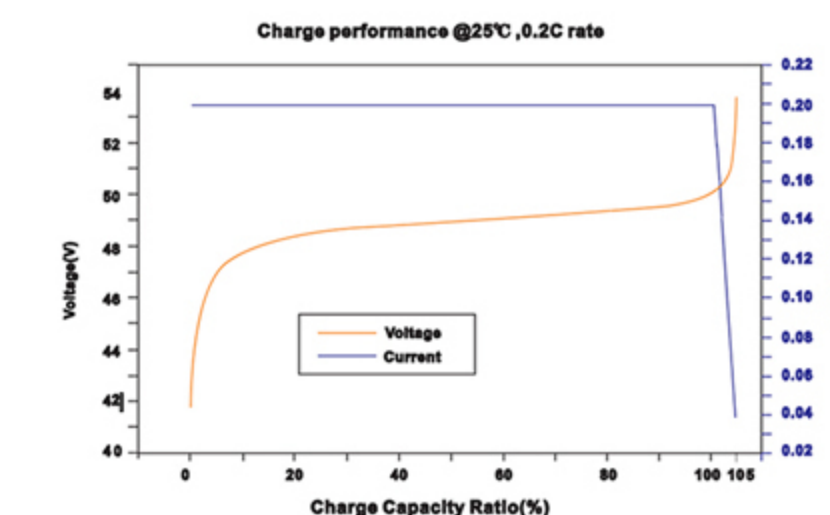
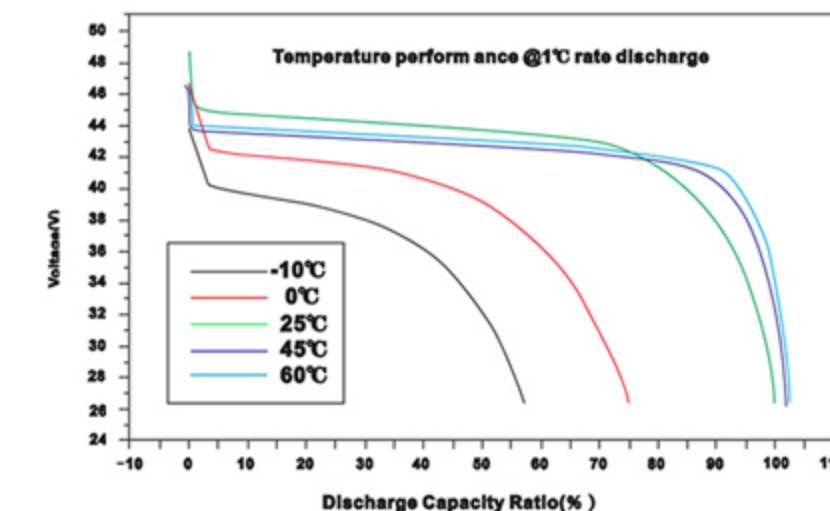
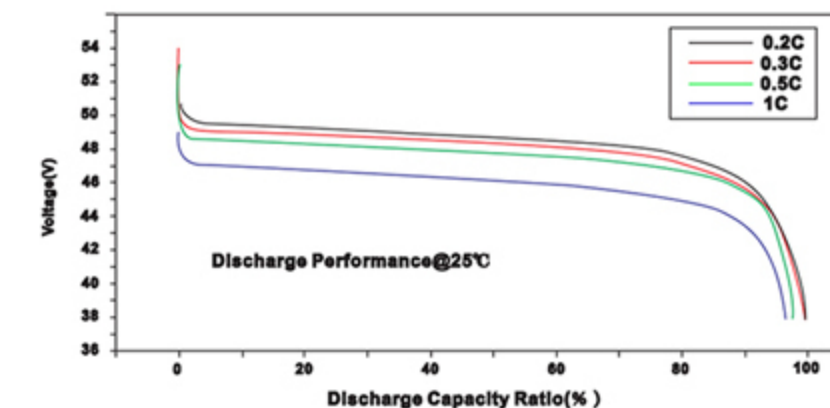


### Technology

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 SPECIFICATONS	
Nominal Voltage	48V
Nominal Capacity	100AH
Energy	4.8KWH
Efficiency	99%
Self Discharge	< 3% per month

DISCHARGE SPECIFICATONS	
Max continus Discharge current	100A
Peak Discharge Current	200A(<3ms)
Recommend Discharge current	100A
Voltage at end of Discharge	About 41.5V

TEMPERATURE SPECIFICATIONS	
Discharge Temperature	( -20-60°C )
Charge Temperature	( 0-45°C )
Storage Temperature	( -20-55°C )

MECHANICAL SPECIFICATIONS	
Dimensions ( L x W x H )	485*442*177MM
Weight	45KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4

CHARGE SPECIFICATIONS	
Recommended Charge Current	60A
Maximum Charge Current	90A
Recommended Charge Voltage	About 54.5V

COMPLIANCE SPECIFICATIONS	
Shipped product charge	50%-60% battery volume delivery
Package material	UN carton+wooden fumigation tray
Shipping Classification	UN 3480, CLASS 9



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

