



POWER LFP  
THE HEIGHT OF  
PERFORMANCE

**Jama**  
**LiFePO4**  
BATTERY SYSTEM

## A New Era in Energy Storage

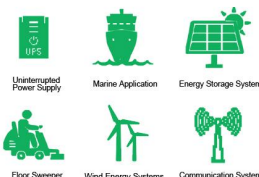
### PC51100 51.2V 100Ah

### 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
- Customizable colors, wheels



### Application

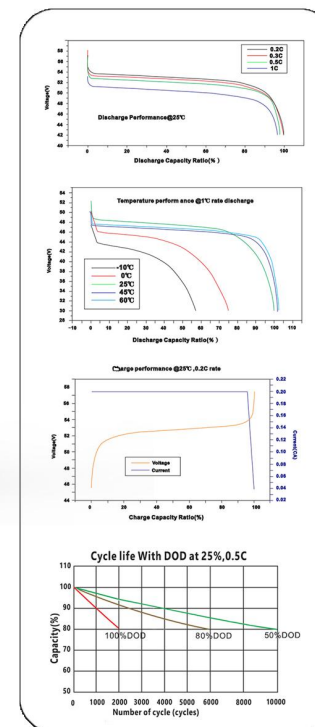


### Technology

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 continous Discharge current	100A
Peak Discharge Current	200A(<3ms)
Recommend Discharge current	100A
Voltage at end of Discharge	About 44V
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	( -20~60°C )
Charge Temperature	( -20~45°C )
Storage Temperature	( -20~55°C )

MECHANICAL SPECIFICATIONS	
Dimensions ( L x W x H )	552*461*173MM
Weight	45KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4
CHARGE SPECIFICATIONS	
Recommended Charge Current	60A
Maximum Charge Current	90A
Recommended Charge Voltage	About 58.4V
COMPLIANCE SPECIFICATIONS	
Shipped product charge	50%-55% battery volume delivery
Package material	UN cartomaster Luggage bag
Shipping Classification	UN 3480, CLASS 9

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

