



LFP

KAMADA POWER LFP

THE HEIGHT OF PERFORMANCE



Kamada power

A New Era in Energy Storage

KMD - 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 lightweight
- 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



Uninterrupted Power Supply



Marine Application



Energy Storage System



Floor Sweeper



Wind Energy Systems



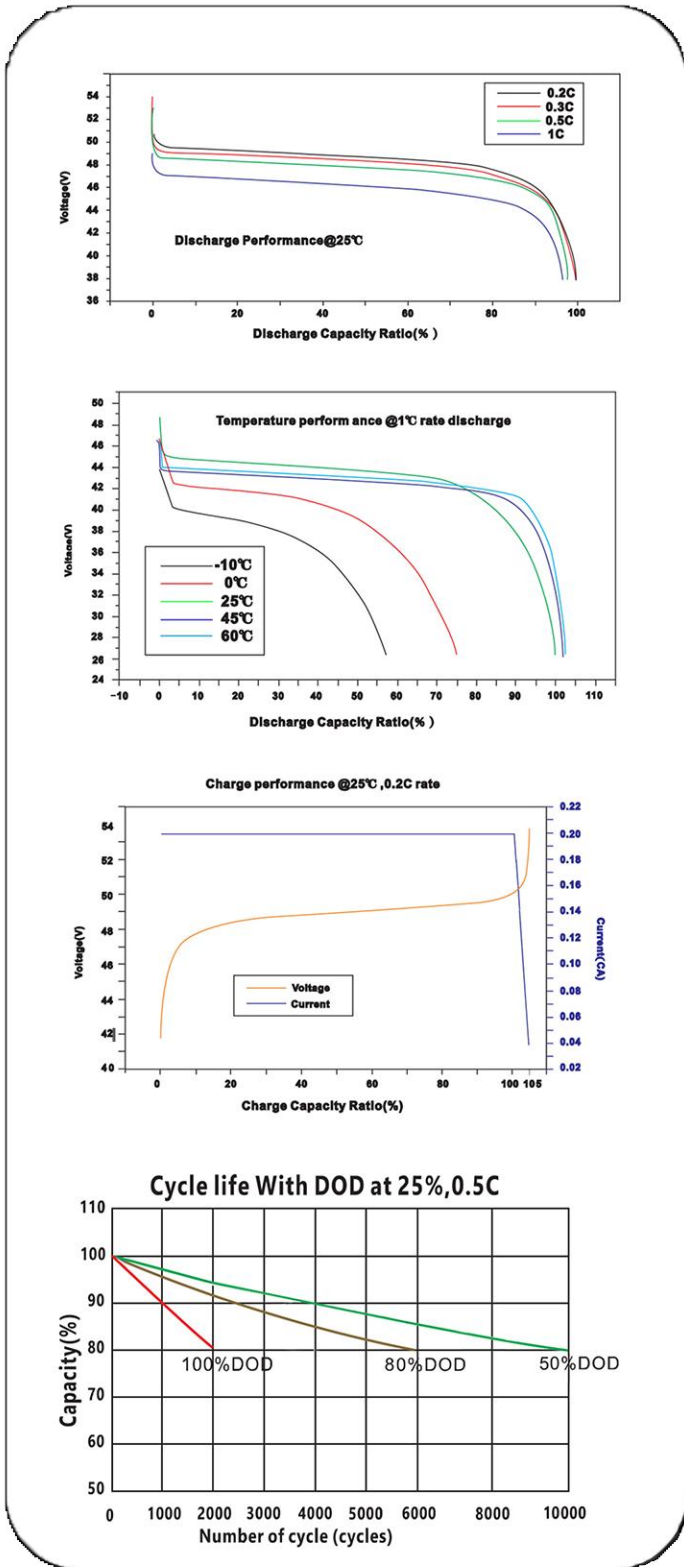
Communication System

Safe

Kamada Power batteries are based on 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.

Technology

Kamada Power's Batteries do not contain lead. 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.continuis 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~+50°C)
Storage Temperature	(-30~+60°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	90A
Maximum Charge Current	100A
Recommended Charge Voltage	About 54V

COMPLIANCE SPECIFICATIONS

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

www.kmdpower.com



When it comes to reliability , our lithium batteries won't let you down. Contact your local distributor , visit www.kmdpower.com or talk to one of our Certified Wisdom Power.

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

