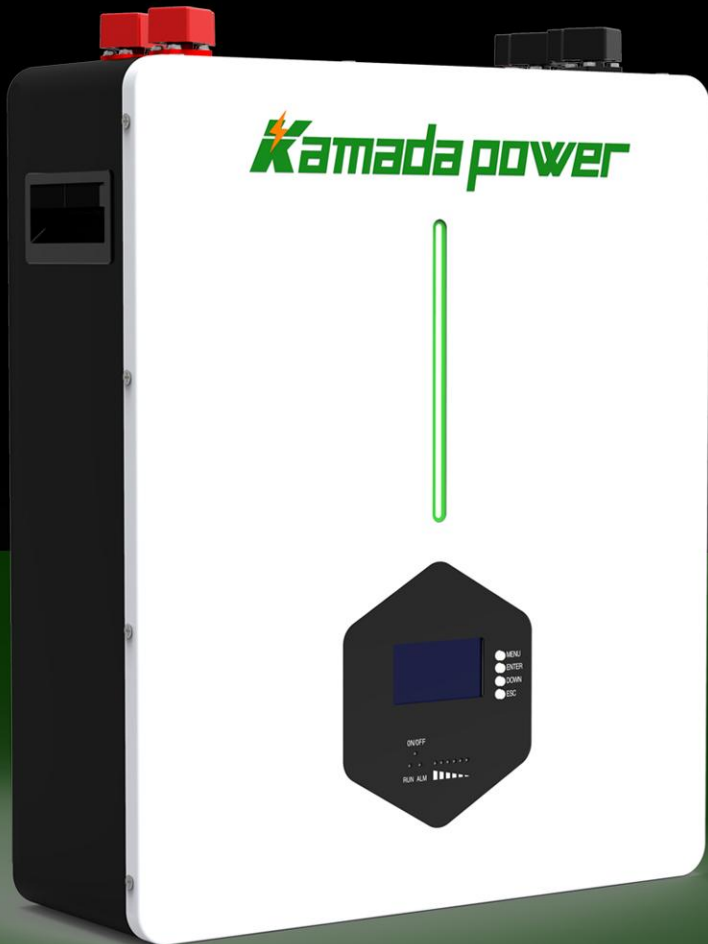


Kamada power



KAMADA POWER LFP
THE HEIGHT OF
PERFORMANCE

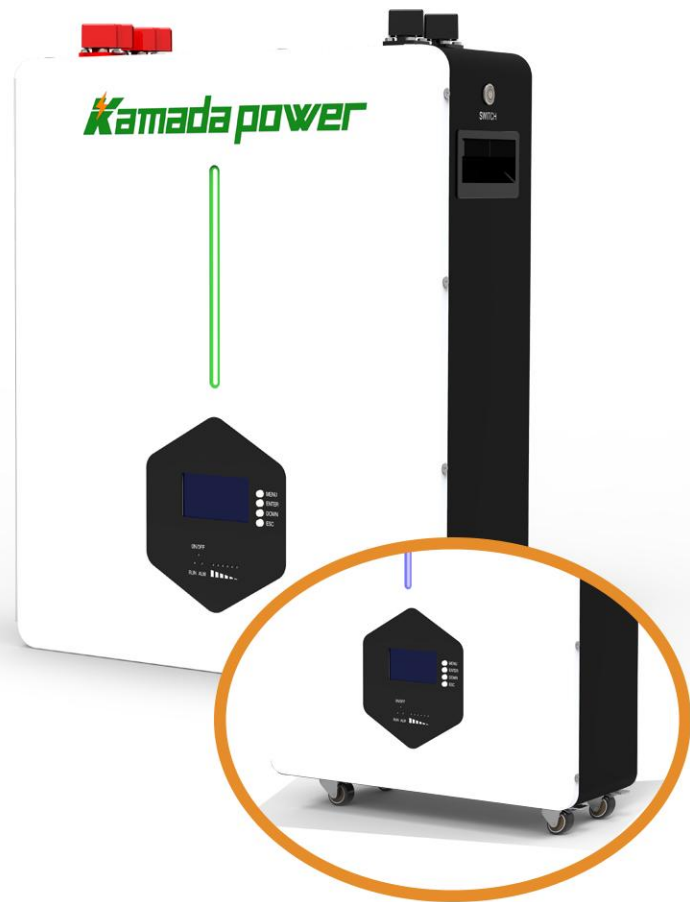
LiFePO4
BATTERY SYSTEM

A New Era in Energy Storage

KMD - PL48100 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
- Customizable colors, wheels
- Light strips can be customized in color



Application



Uninterrupted Power Supply



Marine Application



Energy Storage System



Floor Sweeper



Wind Energy Systems



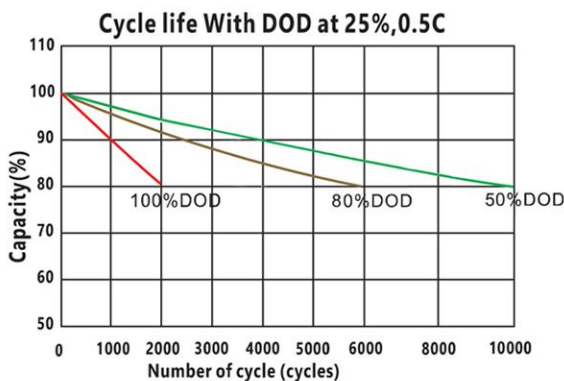
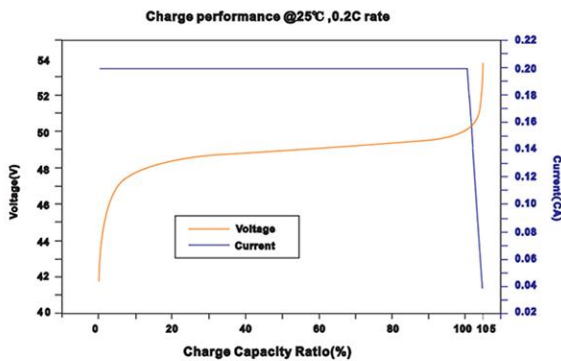
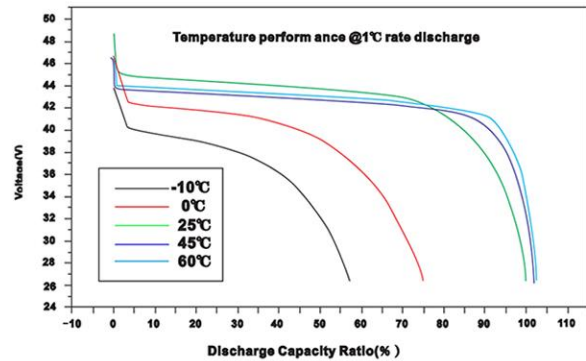
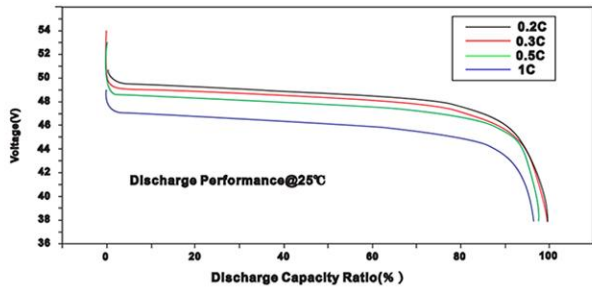
Communication System

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	120A
Peak Discharge Current	120A
Recommend Discharge current	60A
Voltage at end of Discharge	42-44V

TEMPERATURE SPECIFICATIONS	
Discharge Temperature	(-20°C ~ +55°C)
Charge Temperature	(0°C ~ +55°C)
Storage Temperature	(-30°C ~ +60°C)

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	552*461*173mm
Weight	46KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4

CHARGE SPECIFICATIONS	
Recommended Charge Current	45A
Maximum Charge Current	90A
Recommended Charge Voltage	51-53V

COMPLIANCE SPECIFICATIONS	
Shipped product charge	50%-60% battery volume delivery
Package material	UN carton+wooden fumigation tray
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

