

Kamada power



KAMADA POWER LFP
THE HEIGHT OF
PERFORMANCE

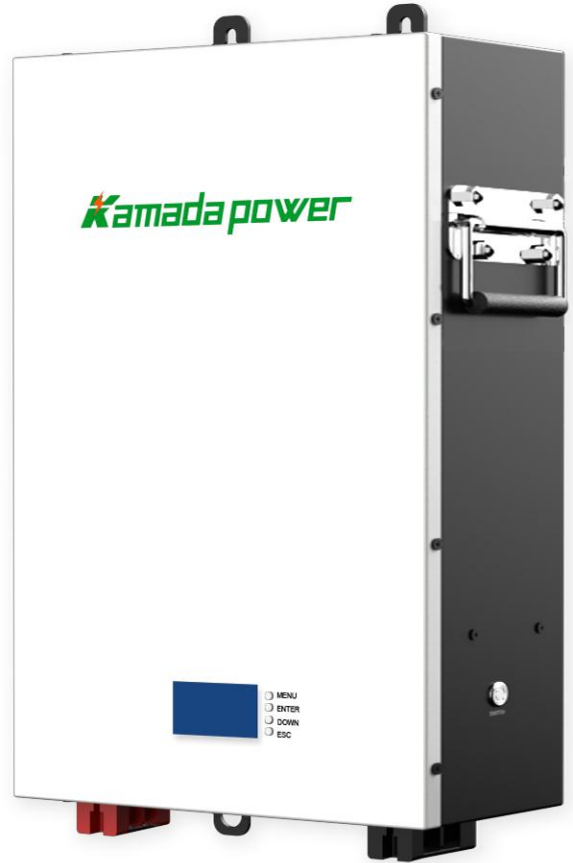
LiFePO4
BATTERY SYSTEM

A New Era in Energy Storage

KMD - PJ48200 48V 200Ah

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,logo



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

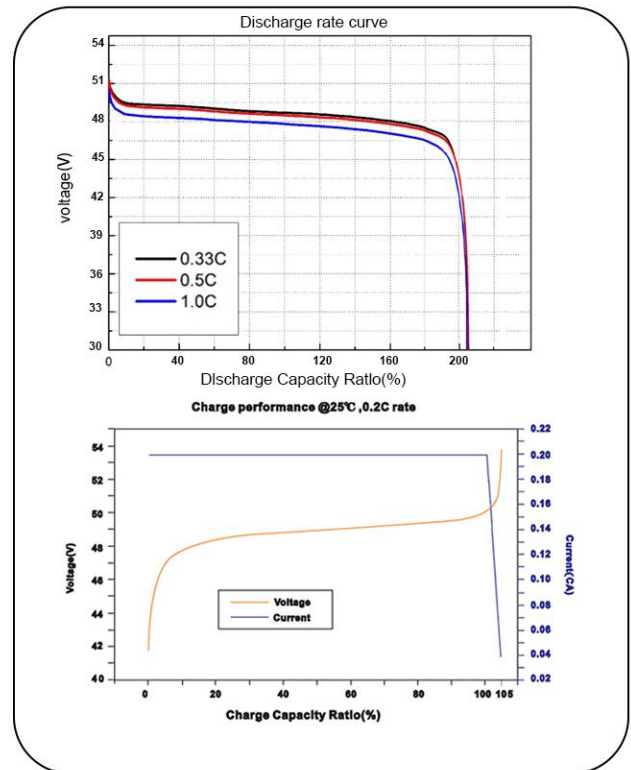
Kamada Power's Batteries do not contain lead. LiFePO4 technology is an environmentally friendly way to store energy.

Battery Specification

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	48V
Nominal Capacity	200AH
Energy	10KWH
Efficiency	99%
Self Discharge	< 3% per month
DISCHARGE SPECIFICATIONS	
Max.continuous Discharge current	100A
Peak Discharge Current	120A(<100mS)
Recommend Discharge current	50A
Recommend Discharge Voltage	45V
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	(-20°C ~ +60°C)
Charge Temperature	(0°C ~ +50°C)
Storage Temperature	(-30°C ~ +60°C)

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	584*363*235mm
Weight	77KG
Case Material	Metal
Cell Type	Prismatic
Chemistry	LiFePO4
CHARGE SPECIFICATIONS	
Recommended Charge Current	45A
Maximum Charge Current	90A
Recommended Charge Voltage	52.5V
COMPLIANCE SPECIFICATIONS	
Shipped product charge	30% battery volume delivery
Package material	UN carton + wooden pallet
Shipping Classification	UN 3480, CLASS 9

Charge & Discharge Curve



Match Hybrid Inverters



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.

www.kmdpower.com

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

