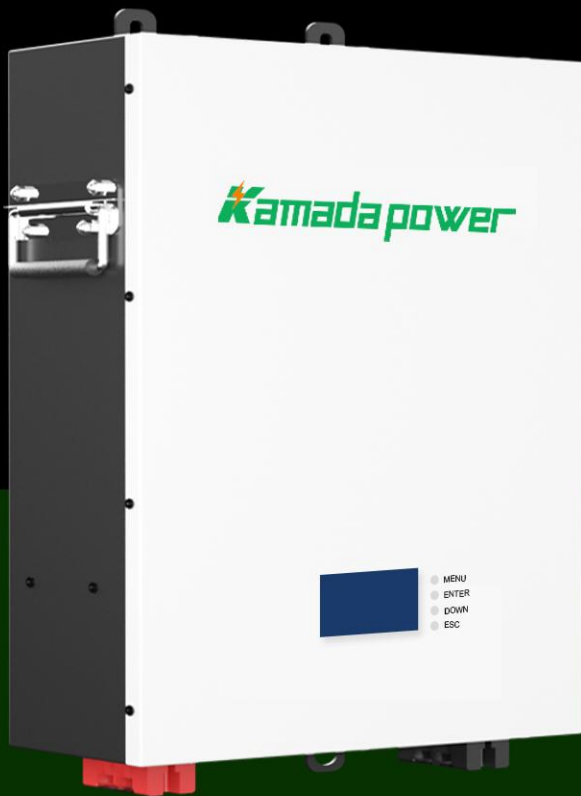


Kamada power



KAMADA POWER LFP
THE HEIGHT OF
PERFORMANCE

LiFePO4
BATTERY SYSTEM

A New Era in Energy Storage

KMD - PC24100 24V 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



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

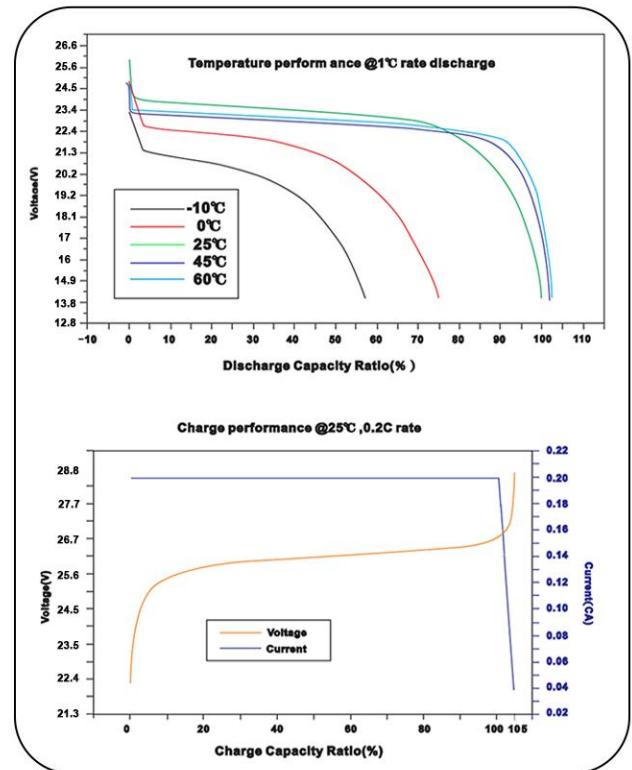
Kamada Power's Batteries do not contain lead. LiFePO4 technology is an environmentally friendly way to store energy.

Battery Specification

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	24V/25.6V
Nominal Capacity	100AH
Energy	2.56KWH
Efficiency	99%
Self Discharge	< 3% per month
DISCHARGE SPECIFICATIONS	
Max.continuous Discharge current	100A
Peak Discharge Current	120A
Recommend Discharge current	90A
Voltage at end of Discharge	20V
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)	370*336*146mm
Weight	23KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4
CHARGE SPECIFICATIONS	
Recommended Charge Current	30A
Maximum Charge Current	90A
Recommended Charge Voltage	29.2V
COMPLIANCE SPECIFICATIONS	
Shipped product charge	50%-60% battery volume delivery
Package material	UN carton+wooden fumigation tray
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

