



LFP

KAMADA POWER LFP

THE HEIGHT OF PERFORMANCE



Kamada power

A New Era in Energy Storage

KMD - RA48300 48V/51.2V 300Ah

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



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 SPECIFICATONS	
Nominal Voltage	48V/51.2V
Nominal Capacity	300AH
Energy	15KWH
Efficiency	99%
Self Discharge	< 3% per month
DISCHARGE SPECIFICATONS	
Max.continus Discharge current	100A
Peak Discharge Current	120A
Recommend Discharge current	90A
Voltage at end of Discharge	40V
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	(-20°C ~ +55°C)
Charge Temperature	(0°C ~ +55°C)
Storage Temperature	(-30°C ~ +60°C)

Match Hybrid Inverters

Growatt Sacolar Deye 德業

PYLONTECH victron energy 固德威 GOODWE

SOFAR SOLAR Voltronic Power MUST®

SRNE SUN SYNK™ LU POWER™

SOROTEC Power Solutions Expert Schneider Electric SMA

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	726*442*245mm
Weight	114KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4
CHARGE SPECIFICATIONS	
Recommended Charge Current	30A
Maximum Charge Current	90A
Recommended Charge Voltage	58.4V
COMPLIANCE SPECIFICATIONS	
Shipped product charge	50%-60% battery volume delivery
Package material	UN carton+wooden fumigation tray
Shipping Classification	UN 3480, CLASS 9

Certification



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

