

Wall Mounted LiFePO4 Lithium Battery

AK-LFPM-WM series



AK-LFPM-WM Series WALL MOUNTED LiFePO4 LITHIUM BATTERY

Wall mounted lithium LiFePO4 Battery AK-LFPM-WM series are high-tech products developed to meet the requirements of new backup power supplies, featuring integration, miniaturization, lightweight, intelligence, standardization, and environmental protection.

Working mode: Charging and discharging

Application field: It can be widely used in indoor distribution stations, integrated base stations, marginal stations, home photovoltaic energy storage, distributed power supply, and other fields.

For More about Unipower range of products, visit:
www.aokuenergy.com

Main Features

- ▶ Cells cycle times 6000 cycles(25°C 0.2C 80% DOD).
- ▶ Long lifespan: 10 years lift design, 5 years warranty or 6000 cycles whichever come first.
- ▶ Wall-mounted design, space saving, easy installation, matching inverter to meet daily energy needs.
- ▶ Smart BMS system to optimize the performance.
- ▶ Communication: RS485/SNMP/Wifi/Bluetooth, Compatible with different brand of solar inverter and chargers.
- ▶ All around protection: such as SOC/SOH etc..
- ▶ High discharge rate currents, suitable for on-grid or off-grid solar system and other loads.
- ▶ Maximum of 16 battery packs can be connected in parallel.
- ▶ With front display to know effectively the status of the batteries.

Drawing



Technical Parameter

Model	AK-LFPM-	25.6V-200Ah-WM	51.2V-100Ah-WM	51.2V-200Ah-WM
Specification				
Battery Type		LiFePO4	LiFePO4	LiFePO4
Battery Model		25.6V200AH	51.2V100AH	51.2V200AH
Nominal Capacity(25℃ , 0.2C)WH		5120Wh	5120Wh	10240Wh
Adjustable working voltage(Vdc)		20~29.2V	40~58.4V	40~58.4V
Float Charge Voltage(Vdc)		28V	56V	56V
Max.Continuous discharge current(A)		100	100	100
Max.pulse discharge current(A)		150A(1 sec) configurable		
Max.Continuous charge current(A)		100	100	100
Cycle life(25℃ 0.2C 80% DOD)		> 6000 Cycles	> 6000 Cycles	> 6000 Cycles
Cell Equalizer Current(A)		0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)
Terminal		M6		
Storage duration		6 months at 25℃		
Safety standard		IEC62619,UN38.3,MSDS,CE		
Communication function		RS232/RS485/CAN(Standard), Wifi/Bluetooth/Dry contact(Optional)		
Protection				
Protection		Overcharge protection\Overdischarge protection\Overcurrent protection\ Shortcircuit protection\Overtemperature protection		
Ambient				
Noise(dB)		< 40dB(1 meter)		
Working temperature		-20℃ ~ +60℃		
Humidity		0 ~ 95%(no condensation)		
Altitude(m)		<3000		
Dimension				
W*H*D(product size)mm		W420*H600*D175.5		W550*H800*D175.5
W*H*D(package size)mm		W505*H730*D359		W654*H980*D373
Net Weight(Kg)		48		84
Gross Weight(Kg)		63		104

Additional Features (optional feature) LCD Display

Due to different communication protocol versions, it is necessary to confirm clearly before shipment.