

# LiFePO4 Power Wall & Cabinet Battery Pack 48V

## Series : KMW48V184AH



Luxury villa



Communication base station



Plant power



Residential electricity

### Product features:



High Performance True A+ Cell\*16 Fastening Connected in series



Intelligent Battery Management System(BMS) inside to provide automated and maintenance free operation



5 Temperature sensors against extreme low/high temperatures



15+ Year Typical Lifespan & 5 Years Warranty



Detachable & Replaceable Design for all parts



16 units of full Cell Holders made by flame retardant plastic to supply the more stable space structure for better heat dissipation and better working condition for cells

## KAIMEIWEI

### ELECTRICAL PROPERTIES

Model	KMW48V184A
Nominal Voltage	51.2V
Nominal Capacity	184Ah
Energy	9420.8Wh
Self Discharge	<3% per Month
Max Quantity of Packs in Series	1 (Do Not Exceed 48V)
Max Batteries in Parallel	64 (within a BMS system)
Max Batteries in Parallel(not in a BMS system)	Unlimited,need confirmation

### CHARGE

Continuous Charge Current (Recommended/Maximum)	0 ~ 63A / 100A
Charge Voltage Settings (Recommended/Maximum)	57.8V / 58.4V
Over Voltage Protection	>58.4V(Pack)/3.65V(Cell)

### DISCHARGE

Max Continuous Discharge Current	100A
Discharge Over Current Protection	200A (3 Seconds)
Low-Voltage Protection (LVP)	40V
Recovery from LVP	44V

### TEMPERATURE

Discharge Temperature	-4 ~ 149°F(-20 ~ 65°C)
Charge Temperature	32 ~ 113°F (0 ~ 45°C)
Storage Temperature	-4 ~ 131°F(-20 ~ 55°C)
Low Temperature Charge Protection	Yes
Internal Temperature Sensors	4 Cell Sensors,1 BMS Sensor,1 Ambient Air Sensor

### MECHANICAL PROPERTIES

Case Material	Powder Coated Steel
Mountable	On Wall by Hook Rack; On Ground by Base Rack
Dimensions	Width: 18.1in/46cm
	DDepth: 7.1in /18cm
	Height: 33.5in /85cm; 35in /89cm with Base Rack
Pack Net Weight	72.7KG / 160.3Lbs
Ingress Protection	IP50(Indoor Recommended)

### COMPLIANCE

Certifications	UN3480,Class9,MSDS
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### FUNCTIONS OPTIONAL(Extra Custom)

APP Monitoring by Bluetooth Connection