

WALL MOUNT TYPE LIFEPO4 BATTERY

25.6VDC SERIES



FEATURES

- ◆ Built-in intelligent BMS
- ◆ ≥ 6000+ cycle life
- ◆ A+ grade brand battery cell
- ◆ Comply with ROHS standards
- ◆ Design life up to 10 years at 25°
- ◆ No active cooling system is required

APPLICATION

- ◆ Oil and electricity hybrid energy storage system.
- ◆ Grid frequency adjustment energy storage system.
- ◆ New energy communication base station, Core computer room, IDC UPS.
- ◆ New energy generation (solar, wind, PV/wind hybrid) access to energy storage system.
- ◆ Smart grid, micro-grid system.
- ◆ Other energy Storage System.
- ◆ Mobile container storage system.
- ◆ Load tracking energy storage system.
- ◆ Peak load shifting energy storage system.

Technical Data

MODEL	GE24100LW	GE24180LW	GE24200LW	GE24280LW	GE24300LW
Rate voltage(Vdc)	25.6	25.6	25.6	25.6	25.6
Rate capacity(AH)	100	180	200	280	300
Energy storage(KWH)	2.56	4.608	5.12	7.168	7.68
Cycle life	≥6000 cycles to 85% DOD				
Months self discharge	≤2%				
Efficiency of charge	100% at 0.2C				
Efficiency of discharge	96-99% at 1C				
Standard Charge					
Charge voltage	29.2±0.2V				
Charge mode	0.2C to 29.2V, then 29.2V,charge current to 0.02C (CC/CV)				
Charge current(A)	20	36	40	56	60
Max. Charge current(A)	100	180	200	200	200
Charge cut-off voltage(VDC)	29.2±0.2V				
Standard Discharge					
Continuous current (A)	100	180	200	200	200
Discharge cut-off voltage(VDC)	22.4				
Environmental					
Charge temperature	0°C to 45 °C (32F to 113F) @60±25% Relative Humidity				
Discharge temperature	-20 °C to 60°C (-4F to 140F) @60±25% Relative Humidity				
Storage temperature	0°C to 40 °C (32F to 104F) @60±25% Relative Humidity				
Mechanical					
IP Class	IP60				
Material system	LiFePO4				
Case material	Metal				
Case Type	Wall Mount				
Pack Dimensions L*W*H(mm)	490*350*147	580*400*185	580*400*185	530*322*270	530*322*270
Package Dimension L*W*H(mm)	575*490*255	640*485*250	640*485*250	678*435*455	678*435*455
Net Weight(kg)	29	36	40	53	55
Gross Weight(kg)	33	38.5	46	58	60
Terminal	M8				
Protocol (Optional)	CANBus/RS485/RS232				
SOC (Optional)	LED/LCD				
The quality assurance period	60 Months				

Product specifications are subject to change without prior notice.