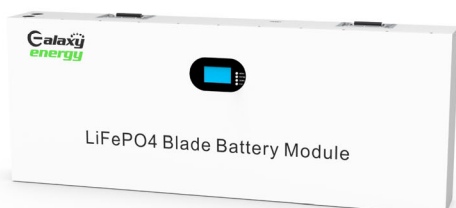


## 48/51.2V Blade Wall mount series



### Product features:

- Larger capacity supply equipment cabinet
- No active cooling system is required
- High operational reliability
- They live for more than 10 years at +25°C
- Optimal management
- In line with the RoHS

### Applicable field:

- 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
- Mobile container storage system
- Other energy Storage System
- Peak load shifting energy storage system
- Load tracking energy storage system

## Application scenarios



## Product parameters

	MODEL	GEB48138LW	GEB48276LW	GEB48138HW	GEB48276HW
Electrical Characteristics	Rate voltage(Vdc)	48	48	51.2	51.2
	Rate capacity(AH)	138	276	138	276
	Energy storage(KWH)	6.624	13.248	1.0656	14.1312
	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	54.7		58.4	
	Charge mode	0.2C to 54.7V, then 54.7V,charge current to 0.02C (CC/CV)		0.2C to 58.4V, then 58.4V,charge current to 0.02C (CC/CV)	
	Charge current(A)	30	60	30	60
	Max. Charge current(A)	120	200	120	200
Standard Discharge	Charge cut-off voltage(VDC)	54.7		58.4	
	Continuous current(A)	120	200	120	200
	Discharge cut-off voltage(VDC)	42		44.8	
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			
	IP class	IP60			
Mechanical	Material system	LiFePO4 Blade			
	Case material	Metal			
	Case Type	Rack/Wall Mount			
	Pack Dimensions L*W*H(mm)	1095*150*420mm	1095*150*770mm	1095*150*420mm	1095*150*770mm
	Package Dimension L*W*H(mm)	1145*200*470mm	1145*200*820mm	1145*200*470mm	1145*200*820mm
	Net Weight(kg)	62.5	113.5	66	116
	Gross Weight(kg)	70.5	123.5	73	126
	Terminal	M8			
Protocol(Optional)	CANBus/RS485/RS232				
SOC (Optional)	LED/LCD				