






# VERTICAL TYPE LIFEPO4 BATTERIES

## Low-Voltage Series Lithium Battery Modules



### Product introduction >>

The product adopts stand type design, beautiful shape, and convenient movement; including the mainstream market inverter protocol, directly communicates; adopts a comprehensive and multi-level battery protection strategy and fault isolation measures to ensure the safe operation of the system. Widely used in small commercial and family energy storage.

-  Stand design, safe and stable.
-  Hidden wiring, beautiful design.
-  Standard LCD display screen, to understand battery status in real time, and directly select the inverter communication protocol on the screen.
-  Environmentally friendly and pollution-free materials, no heavy metals, green and environmentally friendly.
-  Standard cycle life over 5,000 times.



### Product parameter >>

Model				
Nominal volt (V)	48		51.2	
Cell specification (Ah)	280	314	280	314
Nominal capacity (Ah)	280	314	280	314
Working volt range	42~54.75		44.8~58.4	
Recommended charging volt (V)	51.75		55.2	
Recommended discharging cut-off volt (V)	45		48	
Standard charging current (A)	100			
Maximum continuous charging current(A)	150			
Standard discharging current (A)	100			
Maximum discharging current (A)	150			
Proper temperature (°C)	-30 ~ 60 (Recommended 10 ~ 35)			
Allowable humidity range (%RH)	85			
Storage temperature (°C)	-20 ~ 65 (Recommended 10 ~ 35)			
Protection level	IP20			
Cooling method	Natural air cooling			
Maximum size (D*W*H) mm	246*480*990			
Net weight (kg)	138.5	142.5	141	145

Note: The above data is for reference and subject to change without prior notice. Communicate with engineers for special customization requirements.