



LiFePO4-4810-W

- Lithium Iron Phosphate(LFP) cell guarantees safety and reliability
- Easy to install
- Suitable for a wide range of inverters with 48V system
- Battery module can be fully charged in a shorter amount of time
- Maximum Lifecycle:
 - 6000 cycles : 80% DOD with >80% capacity"
 - 10000 cycles : 50% DOD with >50% capacity
- LED indicates the battery capacity and operation status



Up to 6000
Cycles



1C/1C continual
charge and discharge



10 years
limited warranty



Superior LiFePO4
safety performance



Low voltage
safety connection



IP65
protection



Master-Slave
Address Auto-set

BATTERY MODULE FOR INVERTER

MODEL	LiFePO4-4810-W
Battery Cell Technology	Lithium Iron Phosphate
Usable Energy	5kWh
Rated Discharging Current	100A
Peak Discharging Current	150A,1 min
Nominal Voltage	51.2V
Operating Voltage	40-56 VDC
Charging Current	100A Max
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	745 X 390 X 150
Net Weight (kgs)	50
IP Protection	IP65
INTERACE	
Communication Port	RS485 port (RJ45), CAN
LED Indicator	LED indicates the battery capacity and opration status
Parallel Function	Yes, 16 units ≤6KW, 2~16 Battery Module in parallel ≤10W, 3~16 Battery Module in parallel
ENVIRONMENT	
Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	0 to 50°C
Storage Temperature (At 50% SOC and specified temp, recoverable capacity in % vs time / 50%)	<18 months:-20°C~25°C
	<3 months:25°C~45°C
	<1 months:45°C~60°C
	20°C ± 5 °C is the recommended storage temperature
Certifications	CE,IEC62619,UN38.3, UL1973, UL1642