

# **10kWh 51.2V 200AH Lithium Battery Module**

Stackable, Wallmount



## **Features**

- ✓ **Convenient**  
Quick installation, standard of 19-inch embedded designed module is comfortable for installation and maintenance.
- ✓ **Available Flexible expansion**  
Support Wallmounted and Stackable installation
- ✓ **Safe and reliable**  
Cathode material is made from LiFePO4 with safety performance and long cycle life, The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.
- ✓ **Flexible configuration**  
Multiple battery modules can be in parallel for expanding capacity and power. Support USB upgrade, WIFI upgrade (optional), remote upgrade (Compatible with GSL inverter).
- ✓ **Intelligent BMS**  
It has protection functions including over-discharge, over-charge, over-current and over-high or low temperature. The system can automatically manage charge and discharge state and balance current and voltage of each cell.
- ✓ **Wide temperature**  
Working temperature range is from -20℃ to 55℃, with excellent discharge performance and cycle life.

# Wallmount



# Stackable

# Home Energy Storage Lithium Ion Battery Pack



Main Parameter		A51-200
Battery Chemistry		LiFePO4
Capacity (Ah)		200
Scalability		Max.16pcs in parallel(163.84kWh)
Nominal Voltage (V)		51.2
Operating Voltage(V)		46-56
Energy (kWh)		10.24
Usable Energy (kWh) <sup>[1]</sup>		9.22
Charge/Discharge Current (A)	Recommend <sup>[2]</sup>	50
	Max. <sup>[2]</sup>	80
	Peak(2mins,25°C)	100
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W/H/D,mm)		482.6*177*720
Weight Approximate(kg)		89.5
Master LED indicator	4LED(SOC:25%~100%)	
	2LED (working, alarming, protecting)	
IP Rating of enclosure		IP20
Working Temperature		Charge:0°C ~ 55°C Discharge:-20°C ~ 55°C
Storage Temperature		0°C ~ 35°C
Humidity		5%~95%
Altitude		≤2000m
Cycle Life (25±2°C,0.5C/0.5C,80%EOL)		≥6000
Installation		19-inch, Stackable, Wallmount
Communication Port		CAN2.0, RS485
Warranty Period		5 years
Certification		IEC62619, CE-EMC, MSDS, UN38.3