

GSL ENERGY

Much More Than Grade A

GSL 10kWh 51.2V 200AH Lithium Battery Module



Features

- ✓ **Convenient**
Quick installation, standard of 19-inch embedded designed module is comfortable for installation and maintenance.
- ✓ **Eco-friendly**
The whole module is non-toxic, on-polluting and environmentally friendly.
- ✓ **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°C to 55°C , with excellent discharge performance and cycle life.

Home Energy Storage Lithium Ion Battery Pack



Main Parameter		GSL-51-200
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) ^[1]		9.22
Charge/Discharge Current (A)	Recommend ^[2]	100
	Max. ^[2]	150
	Peak(2mins,25 C)	200
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W/H/D,mm)		482.6*155*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)		≥6500
Installation		19-inch standard cabinet, cabinet depth ≥1100mm / with rack
Communication Port		CAN2.0, RS485
Warranty Period ^[3]		10 years
Life Cycle Power During Warranty Period ^[3]		80MWh@80%EOL
Certification		IEC62619, CE-EMC, MSDS, UN38.3