

GSL-7000 Blade LiFePO4 Battery (BYD BLADE Inside)



Features

✓ Convenient

Quick installation, standard of 19-inch embedded designed module is comfortable for installation and maintenance.

✓ 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.

✓ 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.

✓ Eco-friendly

The whole module is non-toxic, non-polluting and environmentally friendly.

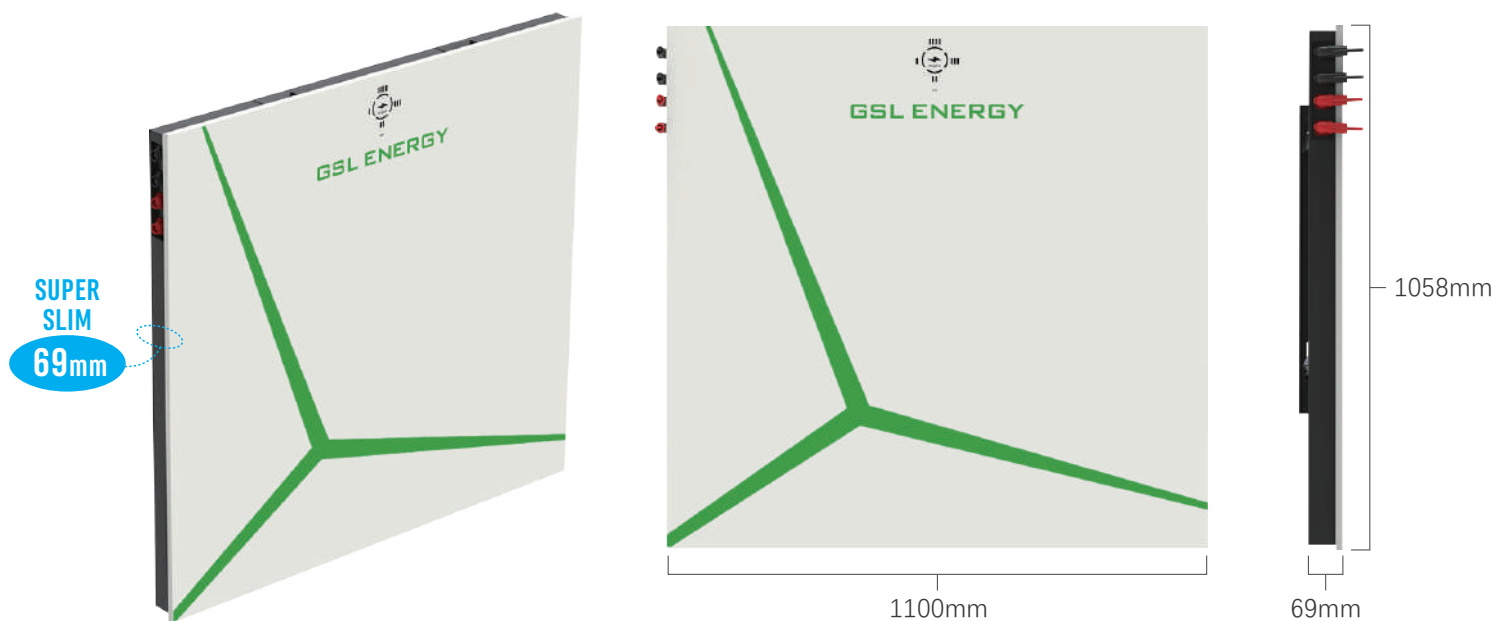
✓ Flexible configuration

Multiple battery modules can be in parallel for expanding capacity and power. Support USB upgrade, WIFI upgrade (optional), remote upgrade (Compatible with GSL inverter).

✓ Wide temperature

Working temperature range is from -20 °C to 55 °C, with excellent discharge performance and cycle life.

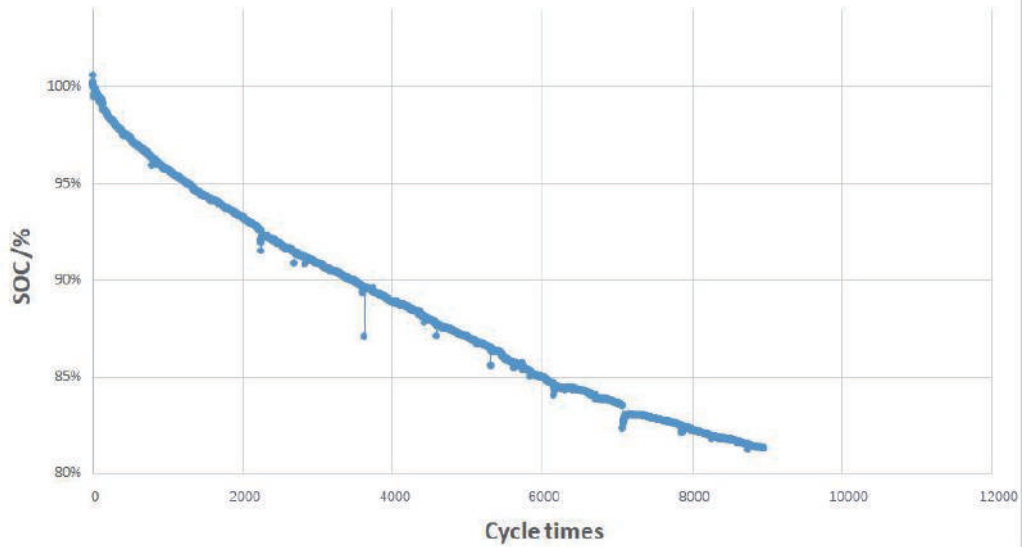
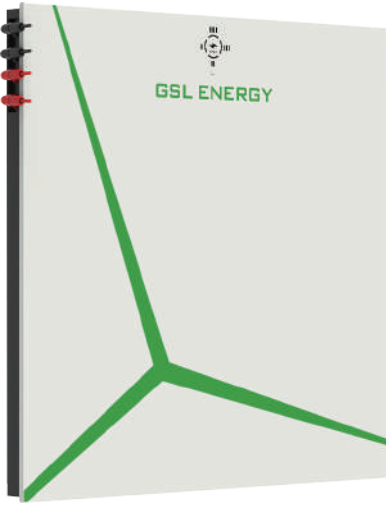
GSL ENERGY BLADE LIFEPO4 BATTERY 7.0KWH



Main Parameter		GSL-7000
Battery Chemistry		LiFePO4
Capacity (Ah)		138
Scalability		Max. 16pcs in parallel(112.0kWh)
Nominal Voltage (V)		51.2
Operating Voltage(V)		46-56
Energy (kWh)		7.0
Usable Energy (kWh) ^[1]		6.3
Charge/Discharge Current (A)	Recommend ^[2]	50
	Max. ^[2]	100
	Peak(2mins,25℃)	120
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W/H/D,mm)		1100*1058.5*69
Weight Approximate(kg)		89.50
Master LED indicator		4LED (SOC:25%~100%)
		2LED (working, alarming, protecting)
IP Rating of enclosure		IP20
Working Temperature		Charge:0℃~55℃ Discharge:-20℃~55℃
Storage Temperature		0℃~35℃
Humidity		5%~95%
Altitude		≤2000m
Cycle Life (25±2℃,0.5C/0.5C,80%EOL)		≥8500
Installation		Wall-mounted
Communication Port		CAN2.0, RS485
Warranty Period ^[3]		15 years
Life Cycle Power During Warranty Period ^[3]		30.66MWh@80%EOL
Certification		UL1973, IEC62619, CE-EMC, MSDS, UN38.3

LiFePO4 battery with 8500+ cycles

51.2V 138AH BYD cycle life @0.5C Charge and Discharge



Match Hybrid Inverters



DEYE



SOL-ARK



SUNSYNK



INVT



GROWATT



MEGAREVO



VOLTRONIC



SENERGY

