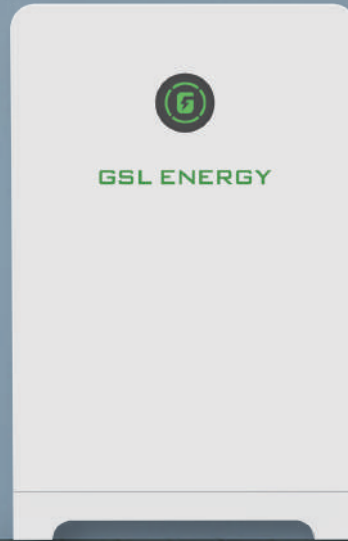


GSL ENERGY

Much More Than Grade A



IP65
51.2V 320Ah 16.38kWh



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, GSL ENERGY has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, GSL ENERGY has delivered more than 138+ countries serving 100,000+ users.

www.gsl-energy.com

✓ Long life and safety

Vertical industry integration ensures more than 10000 cycles with 80% DoD.
Safe Lithium iron phosphate battery cell.

✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 262KW with single max module (16.38KWh) at 16pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost.
Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

UL9540A, UL1973, CB-IEC62619, CE-EMC, UN38.3, MSDS

Battery Specifications

Model No		GSL-051320A-B-GBP2
Nominal Parameters		
Battery Chemistry		LiFePO4
Voltage		51.2V
Operating Voltage		46-56V
Capacity		320Ah
Energy		16.38Kwh
Scalability		Max.16pcs in parallel (262kWh)
Recomend Discharge Energy (80% DOD)		13.10Kwh
Charge/Discharge Current	Recommend	100A
	Max.	150A
	Peak(2mins,25)	200A
Basic Parameters		
Recommend Depth of Discharge		90%
Dimension (W/H/D)		700*1050*200mm / 27.6*41.3*7.9 in
Weight Approximate		145.5kgs / 320 lbs
Master LED Indicator		4 LED (SOC:25%~100%)
		2 LED (working, alarming, protecting)
IP Rating of Enclosur		IP65
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)		≥10000
Installation		Ground/Outdoor
Communication Port		CAN2.0, RS485
Warranty Period [3]		10 years
Certification		UL1973, UL9540A, CB-IEC62619, CE-EMC, UN38.3, MSDS