



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

✓ Long life and safety

Vertical industry integration ensures more than 6500 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 163.84KW with single max module (10.24KWh) 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

IEC62619, CE-EMC, UN38.3, MSDS

Battery Specifications

Model No GSL-10000U

Nominal Parameters

Battery Chemistry LiFePO4

Voltage 51.2V

Capacity 200Ah

Energy 10.24Kwh

Operating Voltage 46-56V

Max. Charge Voltage 56Vdc

Max. Charge Current 100A (5120W)

Max. Discharge Current 150A (7680W)

Basic Parameters

Warranty Period [3] 10 years

Dimension (W/H/D) 685*435*231mm

Weight Approximate 100.5kgs

Master LED Indicator 4 LED (SOC:25%~100%)
2 LED (working, alarming, protecting)

IP Rating of Enclosur IP50 (Indoor use)

Storage Time/ Temperature 5months@25°C;3months@35°C;1month@45°C

Working Temperature -20°C to 60°C @60+/-25% Relative Humidity

Storage Temperature 0°C to 45°C @60+/-25% Relative Humidity

Humidity 5%~95%

Altitude ≤2000m

Cycle Life ≥ 6500
(25±2°C,0.5C/0.5C,80%EOL)

Certification IEC62619, CE-EMC, UN38.3, MSDS

