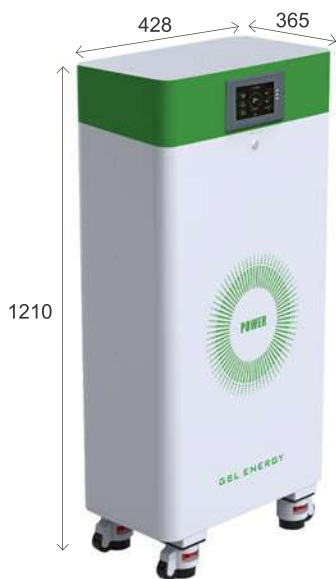


GSL ENERGY

Lithium Battery Solar Storage



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 80+ countries serving 200,000+ users.

www.gsl-energy.com

✔ Long life and safety

Vertical industry integration ensures more than 6500 cycles with 80% DoD .
Safe Lithium iron 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 300KW with single max module (20.48KWh) at 15pcs 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

UL1642, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

Model No	GSL -W- 15K	GSL -W- 20K
Nominal Parameters		
Voltage	51.2V	
Capacity	300Ah	400Ah
Energy	15.46KwH	20.48KwH
Dimensions (L x W x H)	428x365x1210mm	
Weight	185kg	235.5kg
Basic Parameters		
Life time(25°C)	10 years	
Life cycles(80% DOD, 25°C)	6500Cycles	
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C	
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity	
Storage temperature	0°C to 45°C @60+/-25% Relative Humidity	
Lithium Battery Standard	UL1642,IEC62619,UN38.3,ROHS,CE-EMC	
Enclosure protection rating	IP54	
Electrical Parameters		
Operation voltage	46-56 Vdc	
Max.charging voltage	56 Vdc	
Max.charging and discharging current	150A	
Max Power	7680W	

