



## ✓ Long life and safety

Vertical industry integration ensures more than 6000 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 7.68KW with single max module (107.52KWh) at 14pcs 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.



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 20+ countries serving 100,000+ users.

[WWW.gsl-energy.com](http://WWW.gsl-energy.com)

Battery Specifications			
Model No	GSL 24100U - 2.56KWH	GSL 24200U - 5.12KWH	GSL 24300U - 7.68KWH
Nominal Parameters			
Voltage	25.6V	25.6V	25.6V
Capacity	100Ah	200Ah	300Ah
Energy	2.56KwH	5.12KwH	7.68KwH
Dimensions (L x W x H)	635x485x222mm	635x485x222mm	635x485x222mm
Weight	32.5kg	58.5kg	78.5kg
Basic Parameters			
Life time(25°C)	10 years		
Life cycles(80% DOD, 25°C)	6000Cycles		
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	IP21		
Electrical Parameters			
Operation voltage	20-29.2 Vdc	20-29.2 Vdc	20-29.2 Vdc
Max.charging voltage	29.2 Vdc	29.2 Vdc	29.2 Vdc
Max.charging and discharging current	100A	100A	100A
Max Power	2560W	5120W	7680W

