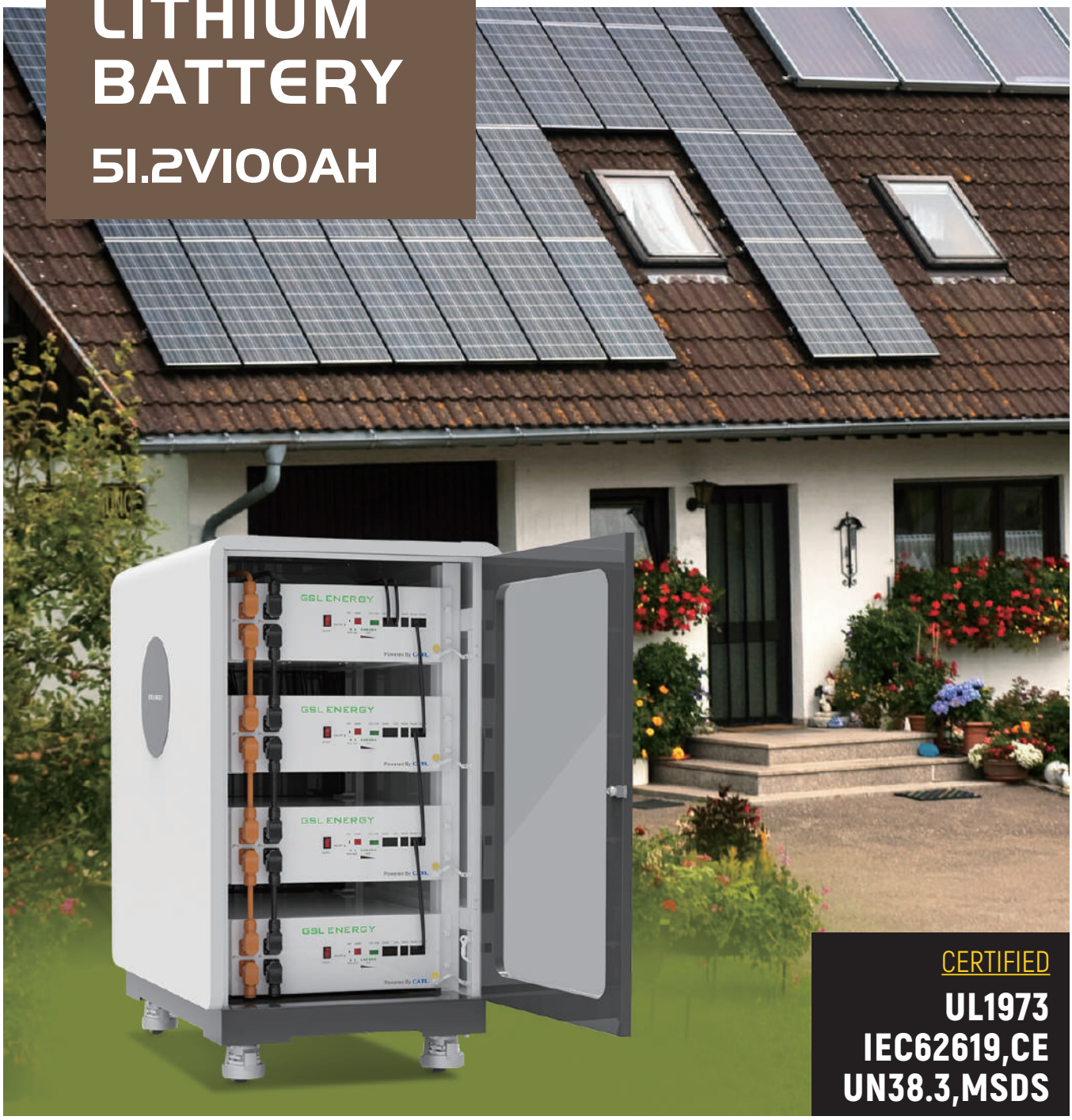
GSL ENERGY
SINCE 2006

LITHIUM BATTERY

51.2V100AH



CERTIFIED
UL1973
IEC62619,CE
UN38.3,MSDS

Home Energy Storage
Lithium Ion Battery Pack

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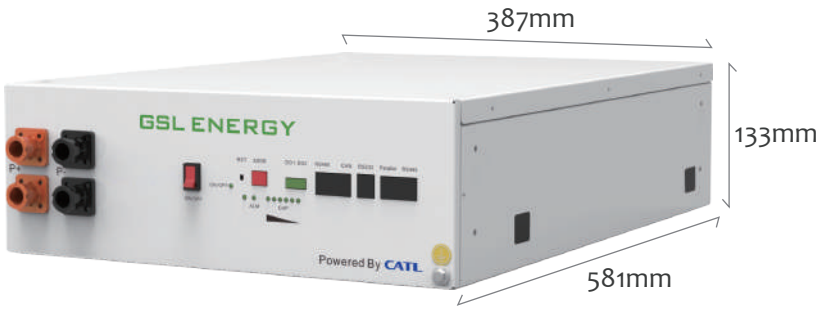
GSL51100-3U
Lithium Battery Module

Intelligent

Each module is equipped with an indepent BMS system.



Safe

Safe lithium ion phosphate battery cell.
Compact size ultralight module.

Intelligent management

GSL is equipped with intelligent BMS for each battery pack to manage modules effectively.

Intelligent management

The GSL battery module is widely used in energy storage and electrical products.
Household energy storage systems;Centralized power station energy storage system.

Battery Specifications	
Model No	GSL51100-3U
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Power	5.12Kwh
Dimensions (L*w*h)	387*581*133mm
Weight	47kg
Discharge Voltage	46V
Charge Voltage	56V
Max Discharge Current	100A
Max Charge Current	100A
Communication	RS232,RS485,CAN
Charging Temperature	0℃-50℃
Disharging Temperature	-20℃-55℃
Shelf Temperature	-20℃-60℃
Certification	UL1973/ IEC/ CE/ UN38.3
Design Life	20+Years (25℃/77℉)
Cycle Life	＞6500 (80% DoD)

Battery Specifications

Model No	GSL51100-3U	GSL51200-3U	GSL51300-3U	GSL51400-3U
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	300Ah	400Ah
Power	5.12Kwh	10.24Kwh	15.36Kwh	20.48Kwh
Dimensions (L*w*h)	387*581*133mm	392*591*397mm	392*591*584mm	392*591*777mm
Weight	47kg	96kg	144kg	193kg
Discharge Voltage	46V	46V	46V	46V
Charge Voltage	56V	56V	56V	56V
Max Discharge Current	100A	200A	300A	400A
Max Charge Current	100A	200A	300A	400A
Communication	RS232,RS485,CAN	RS232,RS485,CAN	RS232,RS485,CAN	RS232,RS485,CAN
Charging Temperature	0℃-50℃	0℃-50℃	0℃-50℃	0℃-50℃
Disharging Temperature	-20℃-55℃	-20℃-55℃	-20℃-55℃	-20℃-55℃
Shelf Temperature	-20℃-60℃	-20℃-60℃	-20℃-60℃	-20℃-60℃
Certification	UL1973/ IEC/ CE/ UN38.3	UL1973/ IEC/ CE/ UN38.3	UL1973/ IEC/ CE/ UN38.3	UL1973/ IEC/ CE/ UN38.3
Design Life	20+Years (25℃/77℉)	20+Years (25℃/77℉)	20+Years (25℃/77℉)	20+Years (25℃/77℉)
Cycle Life	＞6500 (80% DoD)	＞6500 (80% DoD)	＞6500 (80% DoD)	＞6500 (80% DoD)