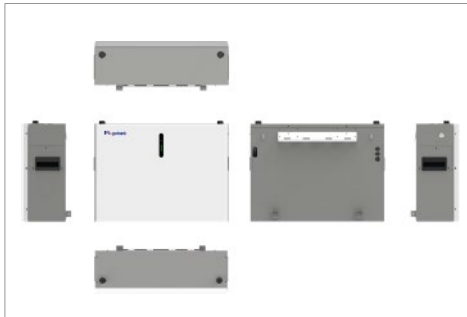


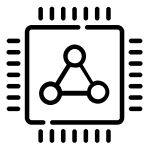


GL48100  
LiFePO<sub>4</sub>  
Energy Storage Batteries

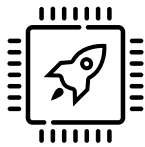
## Product appearance



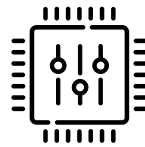
## Highlights



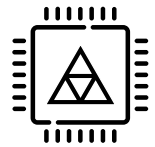
High discharge rate up to max. 2C@3S, especially suitable to work with off-grid inverter to power important load.



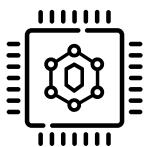
High-usage rate of capacity



Compatible with most inverters on the market <sup>[1]</sup>



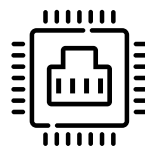
Wide operating temperature range



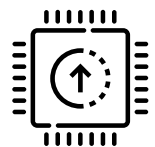
Smart battery protection & Warning indicator



Build-in Fire Extinguisher



Modular design  
Easy & quick installation



Scalable & modular batteries

Note: <sup>[1]</sup> Please contact our support team to get more info about the compatibility of your inverter and our battery.

# Specifications



## Build-in Fire Extinguisher

### Electric Specifications

Rated voltage [V]	51.2V
Rated capacity [Wh]	5120Wh
Discharging voltage Range [V]	44.8V - 55.2V
Charging voltage Range [V]	54.7V - 55.2V
Charge mode	CC - CV
Recommended current of discharging/charging [A]	50A
Max. continuous current of discharging/charging [A]	100A
Peak discharge current [A]	$130 \leq I < 200A@10sec$ ; $200 \leq I < 300A@3sec$ ; $300 \leq I < 600A@1sec$
Max. continuous discharge power	5kW@25°C, >10min
operating temperature [°C]	0°C - 55°C (charge) -20°C - 60°C (discharge)
Ambient temperature range [°C]	Recommended -10°C - 40°C
Cycle Life	6000 cycles
Code	Pro

### General Specifications

Communication ports	RS485, CAN
Scalable (Max. units in parallel)	Up to 15 batteries
Storage Temperature [°C]	Recommended 0°C - 35°C
Humidity	45% - 85%RH
IP rating	IP43
Cooling	Natural Cooling
Dimension(L×H×W)[mm]	600mm × 435mm × 198mm
Weight [kg]	≈52kg
Reference Certification	UN38.3

# Installation case

