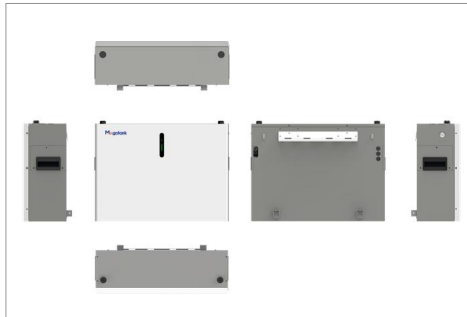


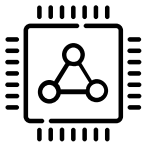


GL48100
LiFePO₄
Energy Storage Batteries

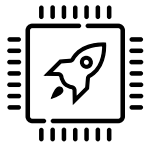
Product appearance



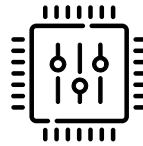
Highlights



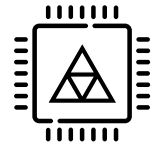
High discharge rate up to max. 2C@3S, especially suitable to work with off-grid inverter to power important load.



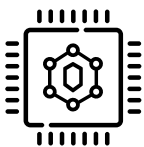
High-usage rate of capacity with 3000 cycles@90% DOD , 5000 cycles@80% DOD.



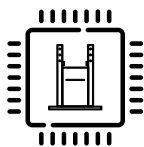
Compatible with most inverters on the market ^[1]



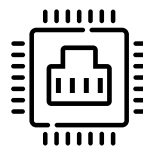
Wide operating temperature range



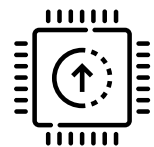
Smart battery protection & Warning indicator



Special designed mounting bracket wall-mounting & floor installation between ^[2]



Modular design Easy & quick installation



Scalable & modular batteries. Optional Remote Monitoring & firmware OTA

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

^[2] Mounting brackets are optional, please contact our sales team for more details.

Specifications

Electric Specifications	
Rated voltage [V]	51.2V
Rated capacity [Wh]	5120Wh
Rated capacity [Wh]	Max.4864Wh
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
Cell operating temperature [°C]	0°C - 55°C (charge) -20°C - 60°C (discharge)
Ambient temperature range [°C]	Recommended -10°C - 40°C
Cycle Life	3000 cycles, SOH≥70%, 25°C ± 2°C, 1C, 90%DOD 5000 cycles, SOH≥70%, 25°C ± 2°C, 0.5C, 80%DOD
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

