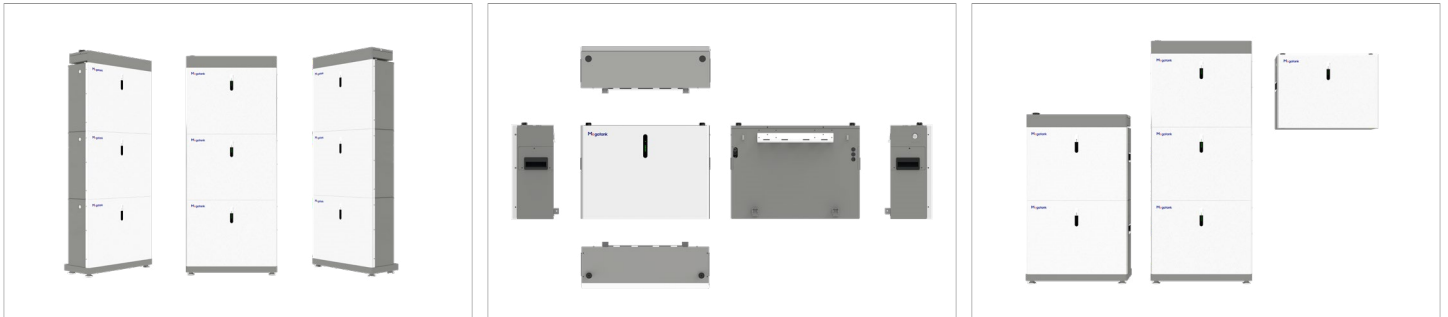


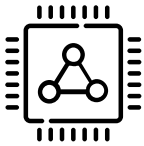


GL48100
LiFePO₄
Energy Storage Batteries

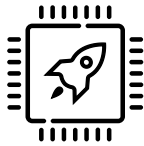
Product appearance



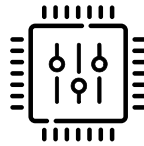
Highlights



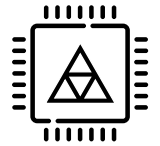
High discharge rate up to maximum 2C@3S, especially suitable to work with off-grid inverter to power important load.



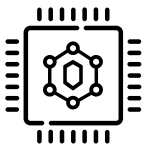
High-usage rate of capacity with DOD 90%@3000 cycles, 80%@5000 cycles.



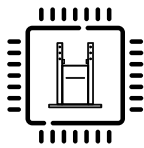
Compatible with most of inverters on the market ^[1]



Wide operating temperature range



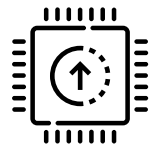
Smart battery protection & Warning indicator



Special designed mounting bracket for wall-mount & floor-mount ^[2]



Modular design Easy & quick installation



Scalable & modular batteries. Optional remote monitoring & firmware updating

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

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

Specifications

Electric Specifications	
Nominal voltage [V]	51.2V
Nominal capacity [Wh]	5120Wh
Available capacity [Wh]	Max.4864Wh
Discharge voltage [V]	44.8V - 55.2V
Charge voltage [V]	54.7V - 55.2V
Charge mode	CC - CV
Recommended discharge / charge current [A]	50A
Maximum continuously current of discharge/charge [A]	100A
Peak discharge current [A]	$130 \leq I < 200A@10sec$; $200 \leq I < 300A@3sec$; $300 \leq I < 600A@1sec$
Maximum continuous discharge power	5kW@25°C, >10min
Cell operation temperature [°C]	0°C - 55°C (charge) -20°C - 60°C (discharge)
Ambient temperature range [°C]	Recommended -10°C - 40°C
Cycle times	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 (Maximum units in parallel)	Up to 15 batteries
Store temperature [°C]	Recommended 0°C - 35°C
Humidity	45% - 85%
IP rating	IP43
Cooling	Natural Cooling
Dimension(L×H×T)[mm]	600mm × 435mm × 198mm
Weight [kg]	≈52kg
Reference certification	UN38.3

Installation case

