



# AMASSTORE BATTERY

GTX5000



-  Compatible with multi-brand storage inverters
-  Remote diagnosis and real-time data monitoring
-  Supports parallel expansion, supports up to 4 parallels
-  Certification of IEC62619, UN38.3, IEC62040-1, SAA etc
-  CATL brand battery, long cycle life (6000 times)
-  Wall-mounted or floor-mounted installation, time and cost saving
-  Han's Laser automated PACK production line, stable and reliable production quality
-  One-button automatic assignment battery module ID, simple and convenient operation

## Datasheet

## GTX5000

### Basic Parameters

Battery Type	LiFePO4, Lithium Iron Phosphate
Nominal Capacity	100AH
Nominal Voltage	51.2Vdc
Total Energy	5120Wh
Usable Energy (90% DOD)	4600Wh
Charge Voltage	55.68~56.16Vdc
Discharge Voltage	45.6~56.16Vdc
Nominal Charge Current	50A
Max. Charge Current	50A
Max. Charge Power	2800W
Nominal Discharge Current	50A
Nominal Discharge Power	2560W
Max. Discharge Current	75A
Max. Discharge Power	3500W
Short Current	350A
Communication	RS232, RS485, CAN
Working Temperature	0 °C~ 55°C
Storage Temperature	≤ 25°C, 12 months
	≤ 35°C, 6 months
	≤ 45°C, 3 months
Operating Humidity	< 95% RH
Storage Humidity	< 95% RH
Max. Operating Altitude	≤ 2000m
Scalable	Suggest Up to 4
Enclosure Protection Rating	IP20
Net Weight	55Kg
Dimension (W*D*H)	480mm*211.5mm*600mm
Certificates	IEC62619, UN38.3, IEC62040-1, SAA etc
Cycle Life	6000 Cycles@ 80% DOD / 25°C / 0.5C, 60% EOL

**Note:** Operating current derating according to cell voltage and battery temperature.

## Hybrid Solar System

