



# GBS51100-HX

HIGH VOLTAGE STORAGE BATTERY



- 5.12kWh capacity of each module
- Safe and reliable
- Sufficient SOC
- Environmentally friendly
- Flexible expansion according to demand
- It can match almost all of the inverters in the market



# TECHNICAL SPECIFICATIONS

Model	GBS51100-H2	GBS51100-H3	GBS51100-H8
-------	-------------	-------------	-------------

## ELECTRICAL CHARACTERISTICS

Battery Type	LFP		
Battery Module	2*Battery module 1*HV module	3*Battery module 1*HV module	8*Battery module 1*HV module
Nominal Voltage [V]	102.4	153.6	409.6
Nominal Energy [kWh]	10.24	15.36	40.96
Operating Voltage [V]	92.8~113.6	139.2~170.4	371.2~454.4
Normal Capacity [Ah]	100		
Recommend Charge/Discharge Current [A]	50		
Max. Charge/Discharge Current [A]	100		
Cycle Life	≥6000 cycles		
Communication	RS485, CAN		
Display	LED indicator		
Scalability	Max. 9 Modules in Series		

## OPERATING CONDITIONS

Installation Location	Outdoor/Indoor (Stand)
Operating Temperature [°C]	Charge: 0 ~ 65/Discharge: -20~ 65
Storage Temperature [°C]	-10~35
Cooling method	Natural Convection
Relative Humidity [%]	5 ~95 (No Condensing)
Max Operating Altitude[m]	4000
IP Rating	IP 65

## MECHANICAL CHARACTERISTICS

Dimensions (W*H*D)[mm]	600*586*380	600*724*380	600*1414*380
Weight [kg]	≈121	≈169	≈409

## WARRANTY

Standard Warranty [year]	10
--------------------------	----