

Wall-mounted LFP Battery



GN512100B

Protective and active BMS allows greater reliability and control

Flexible in parallel connection, total capacity up to 8pcs - 40.96 kWh

Compact wall-mounted design with IP65

Maximum 1C discharge capability

Specifications

Model	GN512100B
System Parameters	
Battery Capacity (kWh)	5.12
Battery Type	LFP (Lithium Iron Phosphate Battery)
Rated Capacity (Ah)	100
Rated Voltage (V)	51.2
Operating Voltage Range (V)	44.8-58.4
Charge Current (A)	60 (Recommended) / 90 (Max)
Discharge Current (A)	60 (Recommended) / 100 (Max)
Cycle Life	>5000cycle (20°C ~25 °C , 60A, 90% DoD)
Communication	RS485 / CAN 2.0 / RS232
Modules Connection	1 - 8 parallel
Protection Function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit
Dimension (mm, W*D*H)	440*202*660
Weight(kg)	50±1
Working Conditions	
Installation	Wall-mounted / On Ground
Operating Temperature	-20 °C -55 °C
Storage Temperature	0 °C -35 °C
Humidity	10-90%
Enclosure Protection Degree	IP65
Altitude	<4000m
Certificate	CE, UN38.3