

Lithium Battery Product

Growatt GBLI 2701 / GBLI 5001



Customer friendly design

- ▶ Wall-mounted design, saving installation space
- ▶ High energy density, low installation cost
- ▶ Wide temperature range and long storage period acceptable

Best battery for Residential solar storage system

- ▶ Larger DOD to maximize usage of battery capacity
- ▶ Long cycle life to ensure lowest cost per Wh.
- ▶ Excellent quality cell along with experienced BMS design team to mostly ensure the safety while operating
- ▶ Intelligent over voltage/current/temperature protection, LED to indicate status realtimely.

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Datasheet	Growatt GBLI 2701	Growatt GBLI 5001
Nominal parameters		
Voltage	51.1V	51.1V
Capacity	53Ah	95.4Ah
Energy	2708Wh	4875Wh
Electrical parameters		
Operating voltage	46~57 V	46~57 V
Maximum charge voltage	57 V	57 V
Maximum discharge current	23 A	45 A
Maximum charge current	23 A	45 A
Communication parameters		
Network interface	RS485(RJ45)	RS485(RJ45)
Communication protocols	MODBUS	MODBUS
Structural parameters		
Width	580 mm	800 mm
Height	580 mm	610 mm
Depth	137 mm	167 mm
Weight	30 kg	46.5 kg
Other parameters		
Life (25°C)	10 years	10 years
Life cycles (80% DOD, 25°C)	≥5000	≥5000
Maintenance	Free in quality guarantee period	Free in quality guarantee period
Storage time (-20°C~35°C)	3 months power off	3 months power off
Operation temperature	-10°C~45°C	-10°C~45°C
Storage temperature	-40°C~60°C	-40°C~60°C
Transport standard	UN 38.3	UN 38.3
EMC standard	IEC 61000	IEC 61000
Warranty	5 years	5 years