



Ultra Safe

- Reliable LFP battery cell
- Built-in fire prevention module
- Multi-layers protection design with Intelligent BMS

Intelligent O&M

- Support remote upgrade via hybrid inverter
- Battery modules auto-addressing

Easy Installation

- Modular design, lightweight and compact
- Stacked installation, Plug & Play connection

Flexible and Reliability

- Wide capacity range, up to 4 units in parallel
- IP66 protection for outdoor and indoor installation

Datasheet	CGS E5.1L	CGS E10.2L	CGS E15.3L	CGS E20.4L
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Basic Parameters				
Battery Module	CGB E5.1L			
Qty. of Battery Module	1	2	3	4
Battery Distribution Unit	CGD C100L			
Qty. of Battery Distribution Unit	1			
Battery Type	LFP			
Rated Energy ¹	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Rated Voltage	51.2V			
Voltage Range	44.8-57.6V			
Rated Charge / Discharge Current	50A	100A	100A	100A
Max. Charge / Discharge Current	50A	100A	100A	100A
General Data				
Operating Temperature ²	Charge: 0°C - +55°C , Discharge: -20°C - +55°C			
IP Rating	IP66			
Relative Humidity	5% - 95% (non-condensing)			
Communication	CAN / RS485			
Max. Operation Altitude	3000m			
Cooling Method	Natural Convection			
Weight	60kg	110kg	160kg	210kg
Dimension (H*W*D) mm	600*600*200	970*600*200	1340*600*200	1710*600*200
Mounting Method	Floor mounted, Wall mounted (optional)			
Display	LED Indicators			
Certification	CB, CE, CEC, EN61000, IEC60730, IEC62619, IEC62040, UN38.3			

¹ Test conditions: Cell Voltage 2.5 - 3.65V, 0.2C charge & discharge at +25 ±2°C for battery system at beginning life.

² This data is only available when the heating function is disable. If the heating function is enable, the charge/discharge temperature range is -20°C - +55°C.

* Performance may be de-rated at non-standard condition.

* The final explanation right belongs to Clenergy.