



## 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

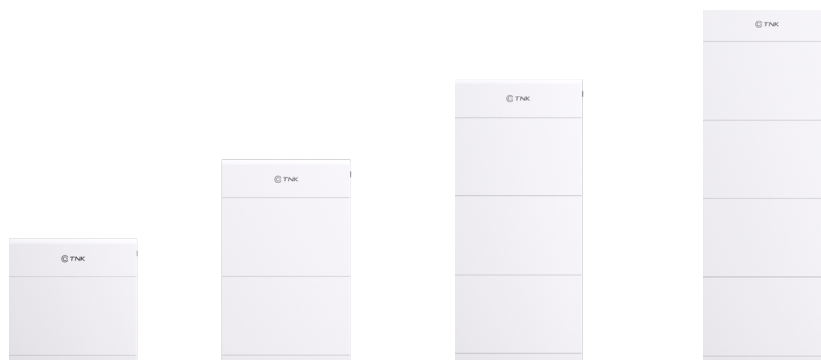
## Easy Installation

- 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 |
|-----------|-----------|------------|------------|------------|
|-----------|-----------|------------|------------|------------|



| 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 <sup>1</sup>          | 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 <sup>2</sup> | 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                      | EN61000, IEC60730, IEC62619, IEC62040, UN38.3  |             |              |              |

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

<sup>2</sup> 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.