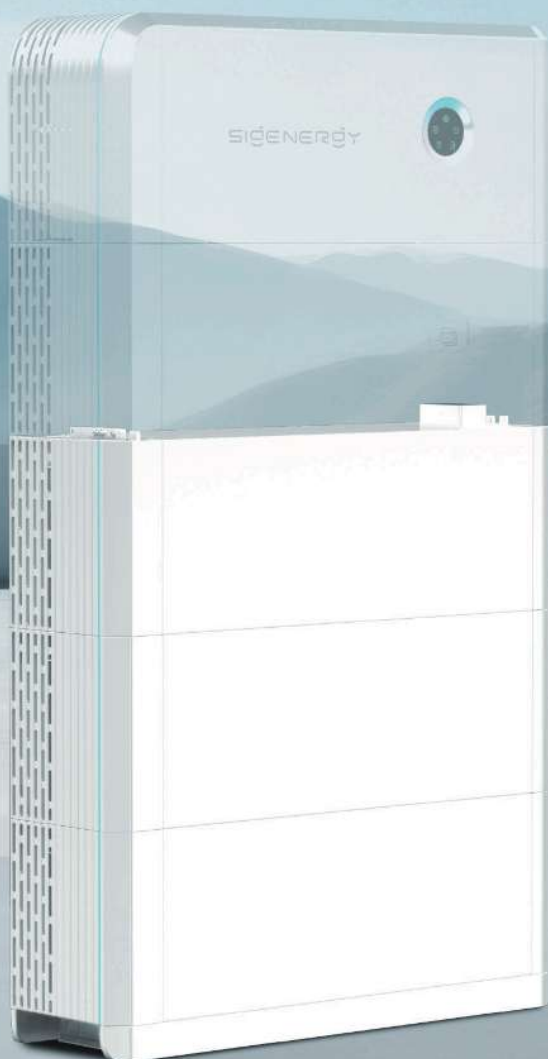




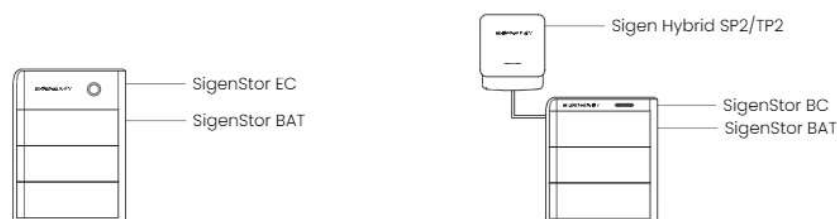
# Sigen Battery

- Premium 314Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization



## Sigen Battery 6.0 / 10.0

| SigenStor BAT                              | 6.0                                                               | 10.0 | Units |
|--------------------------------------------|-------------------------------------------------------------------|------|-------|
| Performance Specification                  |                                                                   |      |       |
| Battery type                               | LiFePO4                                                           |      |       |
| Cell capacity                              | 314                                                               |      | Ah    |
| Cycle life <sup>1</sup>                    | 10000                                                             |      |       |
| Total energy capacity                      | 6.02                                                              | 9.04 | kWh   |
| Usable energy capacity <sup>2</sup>        | 5.84                                                              | 8.76 | kWh   |
| Depth of discharge <sup>3</sup>            | 100%                                                              |      |       |
| Max. charge / discharge power              | 3000                                                              | 4600 | W     |
| Peak charge / discharge power (10 seconds) | 4500                                                              | 6900 | W     |
| General Data                               |                                                                   |      |       |
| Weight                                     | 62                                                                | 78   | kg    |
| Dimensions (W / H / D)                     | 767 / 270 / 265                                                   |      | mm    |
| Storage temperature range                  | -25 ~ 60                                                          |      |       |
| Operating temperature range                | -20 ~ 55                                                          |      |       |
| Relative humidity range                    | 5% ~ 95%                                                          |      |       |
| Max. operating altitude                    | 4000                                                              |      |       |
| Cooling                                    | Natural convection                                                |      |       |
| System ingress protection rating           | IP66                                                              |      |       |
| Installation method                        | Floor standing / Wall-mounted                                     |      |       |
| Number of modules per controller           | 1 ~ 6                                                             |      | pcs   |
| Compatible inverters                       | SigenStor EC series, Sigen Hybrid SP2/TP2 series <sup>4</sup>     |      |       |
| Standard Compliance                        |                                                                   |      |       |
| Standard <sup>5</sup>                      | IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62477 |      |       |
|                                            | SigenStor BC                                                      |      |       |
| Operating voltage range (Single Phase)     | 300 ~ 600                                                         |      | V     |
| Operating voltage range (Three Phase)      | 600 ~ 900                                                         |      | V     |
| Weight                                     | 8                                                                 |      | kg    |
| Dimensions (W / H / D)                     | 765 / 109 / 260 (without decorative cover)                        |      | mm    |
| Compatible battery                         | SigenStor BAT series                                              |      |       |
| Compatible inverter                        | Sigen Hybrid SP2/TP2 series                                       |      |       |
| Communication                              | CAN                                                               |      |       |



1. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C, 0.5C charge and discharge rate and SOH=60%.
2. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.
4. SigenStor BC must be used if Sigen Hybrid SP2/TP2 is to be connected to the Sigen Battery.
5. For all standards refer to the certificates category on the Sigenenergy website.

Disclaimer: The information in this file is provided on an "as is" basis. To the fullest extent permitted by law, Sigenenergy Technology Co., Ltd. excludes all representations and warranties relating to this file and its contents or which is or may be provided by any affiliates or any other third party, including in relation to any inaccuracies or omissions in this file.