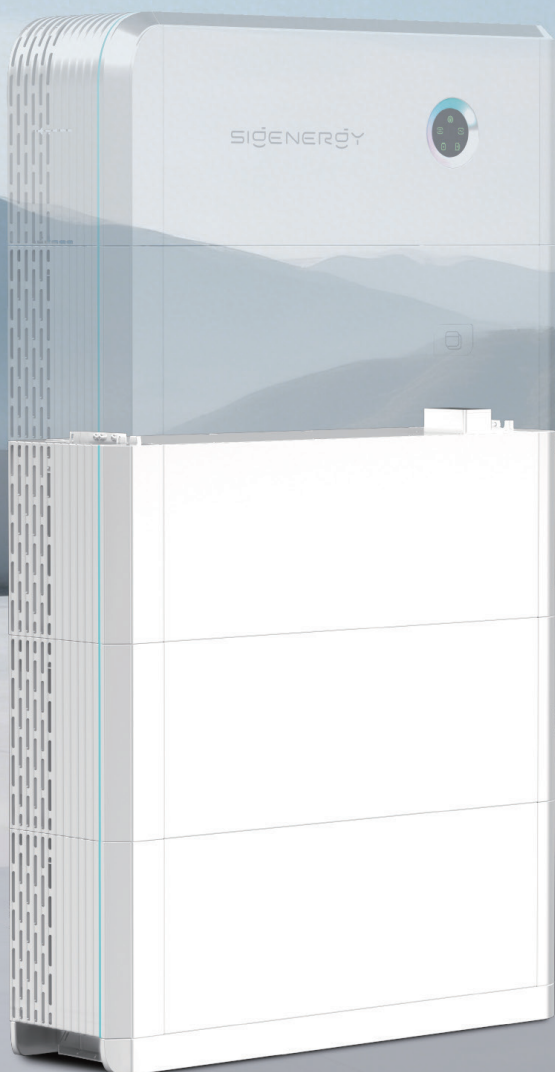


# Sigen Battery

- 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>        | 6.0                                                               | 9.0  | kWh   |
| Depth of discharge <sup>3</sup>            | 100%                                                              |      |       |
| Max. charge / discharge power              | 3000                                                              | 4600 | W     |
| Max. charge / discharge current            | 9.0                                                               | 13.8 | A     |
| 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                                                          |      | °C    |
| Operating temperature range                | -20 ~ 55                                                          |      | °C    |
| Relative humidity range                    | 5% ~ 95%                                                          |      |       |
| Max. operating altitude                    | 4000                                                              |      | m     |
| 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                                               |      |       |
| Standard Compliance                        |                                                                   |      |       |
| Standard <sup>4</sup>                      | IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040 |      |       |

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.
4. For all standards refer to the certificates category on the Sigenenergy website.