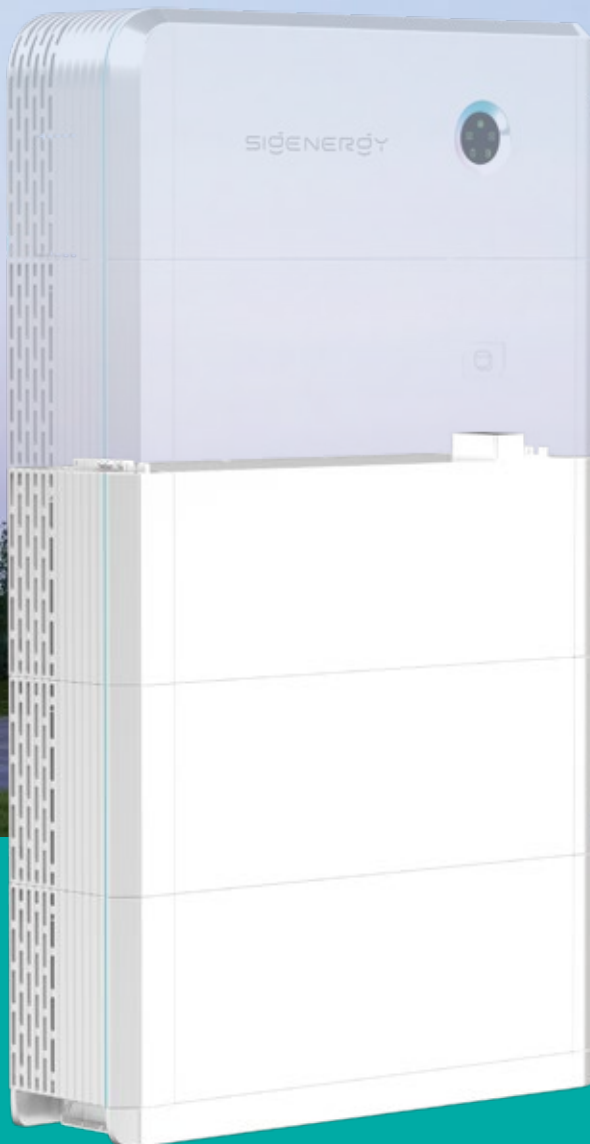


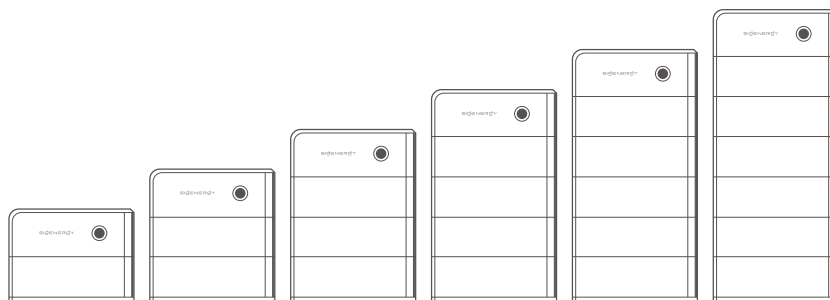


# Sigen Battery

- Large cell capacity, low voltage & durable
- Multi-layer full battery safety protection
- Visible battery status on mySigen App
- Quick connectors for fast installation
- AI enablement, optimized battery cycle life
- Parallel connections for flexible battery mix

# Sigen Battery 5.0 / 8.0 kWh

| SigenStor BAT                                       | 5.0                                                               | 8.0  | Units |
|-----------------------------------------------------|-------------------------------------------------------------------|------|-------|
| Performance Specification                           |                                                                   |      |       |
| Battery type                                        | LiFePO4                                                           |      |       |
| Total energy capacity                               | 5.38                                                              | 8.06 | kWh   |
| Usable energy capacity <sup>1</sup>                 | 5.2                                                               | 7.8  | kWh   |
| Battery modules voltage range (single phase system) | 300 ~ 600                                                         |      | V     |
| Battery modules voltage range (three phase system)  | 600 ~ 900                                                         |      | V     |
| Max. charge / discharge power                       | 2500                                                              | 4000 | W     |
| Peak charge / discharge power (10 seconds)          | 3750                                                              | 6000 | W     |
| General Data                                        |                                                                   |      |       |
| Weight                                              | 55                                                                | 70   | kg    |
| Dimensions (W / H / D)                              | 767 / 270 / 260                                                   |      | 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                                     |      |       |
| Standard Compliance                                 |                                                                   |      |       |
| Standard                                            | IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040 |      |       |



|                                        |      |       |       |       |      |       |     |
|----------------------------------------|------|-------|-------|-------|------|-------|-----|
| Number of battery modules <sup>2</sup> | 1    | 2     | 3     | 4     | 5    | 6     | pcs |
| Total energy capacity                  | 8.06 | 16.12 | 24.18 | 32.24 | 40.3 | 48.36 | kWh |
| Max. charge / discharge power          | 4    | 8     | 12    | 16    | 20   | 24    | kW  |
| Total weight                           | 112  | 183   | 254   | 325   | 396  | 467   | kg  |
| Total height (with base)               | 640  | 910   | 1180  | 1450  | 1720 | 1990  | mm  |
| Total width (with decorative covers)   | 850  |       |       |       |      |       | mm  |
| Total depth (with decorative covers)   | 260  |       |       |       |      |       | mm  |

1. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
2. The data in the table is based on the combination of SigenStor BAT 8.0 and SigenStor EC three-phase as an example, with a ground-mounted installation.