

• YOUR  
• SMART  
• ENERGY



## BATTERY **SMILE-G3-BAT-10.1P**

RESIDENTIAL SERIES

**CAPACITY**

10.1 kWh Modular



Modular

Plug & play

Safe

Long lifespan



# BATTERY

# SMILE-G3-BAT-10.1P



| Model                               | SMILE-G3-BAT-10.1P                                                        |
|-------------------------------------|---------------------------------------------------------------------------|
| <b>Physical</b>                     |                                                                           |
| Battery Type                        | LFP (LiFePO4)                                                             |
| Weight                              | 90 kg                                                                     |
| Dimension (W x D x H)               | 610 x 212 x 790 mm                                                        |
| IP Protection                       | IP65 (Outdoor)                                                            |
| Warranty                            | 10 Year Battery Warranty                                                  |
| <b>Electrical</b>                   |                                                                           |
| Energy Capacity                     | 10.1 kWh                                                                  |
| Usable Capacity                     | 9.6 kWh                                                                   |
| Depth of Discharge (DoD)            | 95%                                                                       |
| Nominal Voltage                     | 96 V                                                                      |
| Operating Voltage Range             | 90 ~ 108 V                                                                |
| Cycle Life                          | 8000*                                                                     |
| <b>Operation</b>                    |                                                                           |
| Rated. Charging/DisCharging Current | 52.5 A                                                                    |
| Max. Charging/DisCharging Current   | 60 A                                                                      |
| Operating Temperature Range         | -10 °C ~ 50 °C**                                                          |
| Humidity                            | 0 ~ 95%                                                                   |
| <b>BMS</b>                          |                                                                           |
| Modules Connection                  | 1 ~ 6 in Parallel                                                         |
| Capacity                            | 10.1 / 20.2 / 30.2 / 40.3 / 50.4 / 60.5 kWh                               |
| Usable Capacity                     | 9.6 / 19.2 / 28.7 / 38.3 / 47.9 / 57.5 kWh                                |
| Monitoring Parameters               | System Voltage, Current, Cell Voltage, Cell Temperature, PCBA Temperature |
| Communication                       | CAN                                                                       |
| <b>Certification</b>                |                                                                           |
| Transportation                      | UN38.3                                                                    |
| Safety                              | IEC 62619 , IEC 63056, IEC 62040                                          |

\*Under specific test conditions.

\*\* When the ambient temperature is too low or too high, the performance of battery may be limited.



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