



## 51.2V Residential Energy Storage System

### ■ Specifications

| Model Number                           | RESS-BS-6.6-L0                      | RESS-BS-13.2-L0 | RESS-BS-19.8-L0 |
|--|-------------------------------------|-----------------|-----------------|
| System                                 |                                     |                 |                 |
| Battery System Capacity (kWh)          | 6.6                                 | 13.2            | 19.8            |
| Usable Capacity (kWh)                  | 6.6                                 | 13.2            | 19.8            |
| Numbers of Battery Modules             | 1                                   | 2               | 3               |
| Rated Battery Voltage (V)              | 51.2                                | 51.2            | 51.2            |
| Operating Battery Voltage Range (V)    | 40~57.6                             | 40~57.6         | 40~57.6         |
| Rated Power (kW)                       | 5                                   | 8               | 12              |
| Rated Discharging Current (A)          | 65                                  | 130             | 195             |
| Max Discharging Current (A)            | 125                                 | 200             | 300             |
| Rated Charging Current (A)             | 39                                  | 78              | 117             |
| Max Charging Current (A)               | 65                                  | 130             | 195             |
| System Dimensions (W*H*D) (mm)         | 725*590*170                         | 725*1030*170    | 725*1470*170    |
| System Net Weight (kg)                 | 65                                  | 125             | 185             |
| Communication                          | RJ45(RS485,CAN,Dry contact)         |                 |                 |
| Module                                 |                                     |                 |                 |
| Battery Module Number                  | RESS-BM-051130-L0                   |                 |                 |
| Battery Module Capacity (kWh)          | 6.6                                 |                 |                 |
| Rated Battery Module Voltage (V)       | 51.2                                |                 |                 |
| Battery Module Dimensions (W*H*D) (mm) | 725*440*170                         |                 |                 |
| Battery Module Net Weight (kg)         | 60                                  |                 |                 |
| Environment                            |                                     |                 |                 |
| Operating Temperature                  | (-10°C~50°C)                        |                 |                 |
| Operating Humidity                     | 0~95%RH                             |                 |                 |
| Operating Altitude                     | <=3000m                             |                 |                 |
| Installation                           | Wall-mounted or Floor type          |                 |                 |
| Enclosure Protection Rating            | IP65                                |                 |                 |
| Warranty                               | 10years                             |                 |                 |
| Cycle File                             | >=6000 cycles@75% EOL,25°C,100% DoD |                 |                 |
| Certification                          |                                     |                 |                 |
| Certification                          | IEC62619/UL1973/UL9540A/UN38.3      |                 |                 |