# ENERGY INDEPENDENCE FOR EVERY HOME

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## SWEES ES+ 16kWh Floor mount Battery

## Features

### Superior Safetyand Reliability
Multi-layer protection design, built-in fire suppression module

### Designed for Extreme Conditions
Available in extreme cold region, against water jet, fully dustproofed, smoke & salty air resistant.

### Flexible Installation
Wall-mounted or floor-standing.

### Smart Monitoring
APP & LED display




YOUR HOME BATTERY




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| | | | |
|---|---|---|---|
| Nominal Voltage (Vdc) | | 51.2 | |
| Nominal Capacity (Wh) | | 16076 | |
| Usable Capacity (Wh)* | | 16076 | |
| Depth of Discharge (%)* | | 100 | |
| Dimensions (mm) | | 435(W)*240(D)*900(H) | |
| Weight (Kg) | | 130kg | |
| Discharge Voltage (Vdc) | | 40 ~ 56.8 | |
| Charge Voltage (Vdc) | | 56 ~ 56.8 | |
| Maximum Continuous Charge/Discharge Current (A) | | 200/200 | |
| Peak Charge/Discharge Current (A) | | 300A@15s | |
| Communication | | CAN，RS485 | |
| Configuration (maximum quantity in one battery group)* | | 20 | |
| Configuration (maximum strings)** | | 6 | |
| Working Temperature (°C ) *** | charging: | 0~55 | -20 ~ 55 |
| | discharging: | -20~60 | -20 ~ 55 |
| Storage Temperature (°C) | | -20 ~ 60 | |
| Cooling Type | | Natural | |
| Protective Class | | I | |
| IP Rating of Enclosure | | IP65 | |
| Anti-corrosion | | C5-M | |
| Humidity(%, RH, No Condensation) | | 5 ~ 95 | |
| Altitude(m) | | ≤4000 | |
| Certifications | | IEC62619、IEC63056、UN38.3、EMC/CE | |
| Design Life (year) (25°C /77 ) | | 15 | |
| Cycle Life (25°C /77 ) ù* | | 8000 | |
| Interaction | | Display screen、Bluetooth and WIFI | |
| Fire extinguishing | | Aerosol (Optional) | |

*Battery supports 100% DoD; rated capacity at 25 , 0.2C discharge. Default SOC lower limit set at 5%, adjustable.
** For multi-group setups, LV-HUB-V2 is required for parallel connection; acts as master. Max 19 batteries per group.
*** BMS limits charge/discharge current in extreme temps. Between -20 and 0 , battery heating activates to allow charging above 0 .
**** Specs based on 25 , 0.2C charge/discharge, SOC range 5%-95%.

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