

Technical Specifications

| Efficiency | |
|------------------------------------------|---------------------------------------|
| Max. Efficiency | 99% |
| Input | |
| Max. Input Voltage | 1,500 V |
| Max. Input Current | 204 A |
| Max. number of inputs | 1 |
| Operating input voltage range | 1,180 V ~ 1,500 V |
| Rated Input Voltage | 1,200 V |
| Output | |
| Rated AC Active Power | 200,000 W @40 °C |
| Max. AC Apparent Output Power | 220,000 VA |
| Max. AC Active Power (cosφ=1) | 220,000 W |
| Rated Output Voltage | 800 V, 3W + PE |
| Operating AC voltage range | 800 V, ±10% |
| Rated AC Grid Frequency | 50 Hz / 60 Hz |
| Rated Output Current | 173.2 A |
| Adjustable Power Factor Range | -1 ... +1 |
| Max. Total Harmonic Distortion | < 3% |
| Protection | |
| Anti-islanding Protection | Yes |
| AC Overcurrent Protection | Yes |
| DC Reverse-polarity Protection | Yes |
| Residual Current Protection | Yes |
| DC Surge Protection | Type II |
| AC Surge Protection | Type II |
| Communication | |
| Display | LED Indicators, WLAN + APP |
| USB | Yes |
| MBUS | Yes (isolation transformer required) |
| RS485 | Yes |
| CAN | Yes |
| General | |
| Dimensions (W x H x D) | 850 x 850 x 365 mm |
| Weight (with mounting plate) | 80 kg |
| Operating Temperature Range | -40 °C ~ 60 °C |
| Cooling Method | Smart Air Cooling |
| Max. Operating Altitude without Derating | 4,000 m (13,123 ft.) |
| Relative Humidity | 0 ~ 100% |
| DC Connector | Waterproof Connector + OT/DT Terminal |
| AC Connector | Waterproof Connector + OT/DT Terminal |
| Protection Degree | IP66 |
| Topology | Transformerless |

1: Compatible Type II protection class according to IEC / EN 61643-11

Technical Specifications

| Battery Parameter | |
|-----------------------------|----------------------------------|
| Cell Material | LFP 3.2V / 320 Ah |
| Rated Capacity | 2,064 kWh |
| Max. Output Voltage | 1,500 V |
| Rated Output Voltage | 1,200 V |
| Supported Discharge Rate | ≤ 1C |
| System Parameter | |
| Container Size (W * H * D) | 6,058 x 2,896 x 2,438 mm |
| Container Weight | ≤ 30 t |
| Protection Level | IP54 |
| Operation Temperature Range | -40 °C ~ 55 °C |
| Storage Temperature Range | -40 °C ~ 55 °C |
| Max. Operation Altitude | 4,000 m |
| Cooling | Industrial Air Conditioners |
| Communication Interface | RS485 / Ethernet |
| Communication Protocol | Modbus RTU / Modbus TCP / IEC104 |
| Certificate | |
| Environmental | RoHS6 |
| Certificate | IEC / UL |