



THE SILENT GENERATOR

ENERGY CUBE

768V

Nominal Voltage

63kW / 100kWh
105kW / 200kWh

Capacity

131Ah
262Ah

Rated Capacity

FEATURES

- + PCS & STS
- + EMS
- + Forkliftable
- + Easy Rigging Eye Bolts
- + Data Monitoring
- + On-Grid & Off-Grid
- + <20ms Transfer Time
- + Generator Replacement
- + Fire Suppression System
- + Intelligent Operation & Maintenance
- + Integrated Air Conditioning System
- + Integrated PV
- + Intrusion Alarm
- + Grid Connection Certified



EASY INSTALLATION



MONITORING



SILENT

TECHNICAL DATA

| PV PARAMETERS | 63kW/100kWh CUBE | 105kW/200kWh CUBE |
|----------------------------|--------------------------------------|-------------------|
| Max PV Power | 50kW | 100kW |
| MPPT QTY | 1 | 2 |
| Max PV Current | 100A | 200A (100A+100A) |
| Max PV VoC | 650V | |
| MPPT Operating Power | 250 - 650V | |
| DC PARAMETERS | 63kW/100kWh CUBE | 105kW/200kWh CUBE |
| Battery Cell Capacity | 131Ah | 262Ah |
| Material | LFP Prismatic | |
| Battery Pack Configuration | 2*1P*8S*32 | |
| DC Working Voltage Range | 636V-876V | |
| Rated Voltage | 768V | |
| Rated Energy | 100kWh | 200kWh |
| Charging & Discharge Rate | 0.5C | |
| AC PARAMETERS | 63kW/100kWh CUBE | 105kW/200kWh CUBE |
| Rated Output Power | 63kW | 105kW |
| Max. Output Power | 63kW | 105kW |
| Max AC Charge Power | 50kW | 100kW |
| Rated On-Grid Voltage | 400VAC (±15%) | |
| Output Voltage Frequency | 50Hz/60Hz±2.5Hz | |
| Grid Connection | 3P4w+PE | |
| SYSTEM PARAMETERS | 63kW/100kWh CUBE | 105kW/200kWh CUBE |
| Size (W*D*H) | 1850mm*1250mm*2280mm | |
| Net Weight | About 2,8T | About 3,5T |
| Protection Grade | IP54 | |
| Working Temperature | -20°C ~ +55°C | |
| Working Humidity | 0~95% No Condensation | |
| Working Altitude | 3000m | |
| Cooling Method | Industrial Grade Air Conditioner | |
| Noise Emission | Standby <50 (dB), Operating <70 (dB) | |
| COMMUNICATION PARAMETERS | 63kW/100kWh CUBE | 105kW/200kWh CUBE |
| Communication Port | Ethernet/GSM 4G | |
| Communication Protocol | Modbus/CAN | |

CERTIFICATION

UN 38.3, NRS 097-2-1:2017 EDITION 2.1, IEC 60870-104, IEC 61850, EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021, EN 50549-1:2019+AC:2019-04, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, IEC 61000-6-2:2016, IEC 61000-6-4:2018

- + Blade LFP Cells, Safest in the Industry
- + Easy Installation
- + Intrusion Alarm
- + Integrated PV
- + Silent



* Due to continuous product improvements specifications are subject to change without prior notice.
 * For full power MPPT voltage should be above 500VoC