


# 261 kWh

## Energy Storage System

250 kW rated AC power

An integrated 261 kWh LFP battery system with 250 kW power conversion, liquid-cooled battery temperature control, solar input and a generator interface.

### Integrated LFP storage

261 kWh rated battery energy in one cabinet for commercial and industrial use.

### Liquid-cooled battery system

Dedicated battery temperature control, with intelligent cooling for the PCS.

### Solar input

240 kW maximum PV input with 2 or 8 MPPT channels for solar integration.

### Generator interface

Diesel generator connection with on-grid and off-grid AC operation.

# 261 kWh

250 kW Energy Storage Cabinet




**LFP battery platform**
261 kWh rated battery energy.

**Integrated PV input**
240 kW maximum PV input.

**AC power conversion**
250 kW rated AC power.

## Battery parameters

| | |
|---|---|
| Battery chemistry | LFP (LiFePO4) |
| Rated energy | 261 kWh |
| Rated capacity | 314 Ah |
| Nominal voltage | 832 V |

## PV input

| | |
|---|---|
| Maximum PV power | 240 kW |
| Maximum PV voltage | 950 V DC |
| MPPT voltage range | 250-850 V DC |
| Maximum PV input current | 200 A |
| MPPT channels | 2 or 8 |

## AC parameters - on-grid

| | |
|---|---|
| Rated power | 250 kW |
| Rated AC voltage | 400 / 230 V AC (3L / N / PE) |
| Rated frequency | 50 / 60 Hz |
| Maximum AC current | 375 A |

## AC parameters - off-grid

| | |
|---|---|
| Rated power | 250 kW |
| Rated AC voltage | 400 / 230 V AC (3L / N / PE) |
| Rated frequency | 50 / 60 Hz |
| Maximum AC current | 375 A |
| Switching time | <20 ms |
| Parallel number | 6 |

## System parameters

| | |
|---|---|
| Diesel generator port | Yes |
| Communication interfaces | RS485 / Ethernet / 4G |
| Ingress protection | IP54 |
| Fire protection system | Yes |
| Operating temperature | -10 to +50 °C |
| Humidity range | 5-95% |
| Altitude | <2,000 m |
| Battery cooling | Liquid cooling |
| PCS cooling | Intelligent cooling |
| Dimensions (W x D x H) | 1620 x 1350 x 2000 mm |
| Weight | 2,600 kg |