

261 kWh

Energy Storage System

125 kW rated AC power

An integrated 261 kWh LFP battery system with 125 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

120 kW maximum PV input with 1 or 4 MPPT channels for solar integration.

Generator interface

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

261 kWh

125 kW Energy Storage Cabinet



LFP battery platform
261 kWh rated battery energy.

Integrated PV input
120 kW maximum PV input.

AC power conversion
125 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	120 kW
Maximum PV voltage	950 V DC
MPPT voltage range	250-850 V DC
Maximum PV input current	200 A
MPPT channels	1 or 4

AC parameters - on-grid

Rated power	125 kW
Rated AC voltage	400 / 230 V AC (3L / N / PE)
Rated frequency	50 / 60 Hz
Maximum AC current	189 A

AC parameters - off-grid

Rated power	125 kW
Rated AC voltage	400 / 230 V AC (3L / N / PE)
Rated frequency	50 / 60 Hz
Maximum AC current	189 A
Switching time	<20 ms
Parallel number	12

System parameters

Diesel generator port	Yes
Communication interfaces	RS485 / Wi-Fi
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)	980 x 1350 x 2350 mm
Weight	2,500 kg