

64 kWh

Energy Storage System

25 kW rated AC power

An integrated 64 kWh LFP battery system with 25 kW power conversion, air-conditioned battery temperature control, solar input and a generator interface.

Integrated LFP storage

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

Air-conditioned battery system

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

Solar input

36 kW maximum PV input with 6 MPPT channels for solar integration.

Generator interface

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

64 kWh

25 kW Energy Storage Cabinet



LFP battery platform
64 kWh rated battery energy.

Integrated PV input
36 kW maximum PV input.

AC power conversion
25 kW rated AC power.

Battery parameters

Battery chemistry	LFP (LiFePO4)
Rated energy	64 kWh

PV input

Maximum PV power	36 kW
Maximum PV voltage	500 V DC
MPPT voltage range	90-450 V DC
Maximum PV input current	22 A
MPPT channels	6

AC parameters - on-grid

Rated power	25 kW
Rated AC voltage	400 / 230 V AC (3L / N / PE)
Rated frequency	50 / 60 Hz
Maximum AC current	37 A

AC parameters - off-grid

Rated power	25 kW
Rated AC voltage	400 / 230 V AC
Rated frequency	50 / 60 Hz
Maximum AC current	37 A
Switching time	<20 ms
Parallel number	1

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	Air-conditioning
PCS cooling	Intelligent cooling
Dimensions (W x D x H)	750 x 950 x 1580 mm
Weight	700 kg