

Highlights

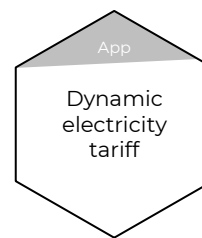
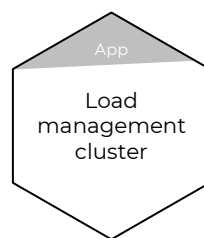
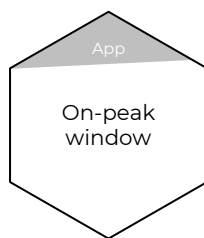
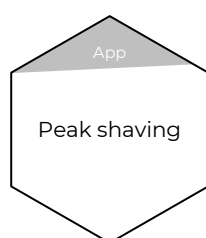
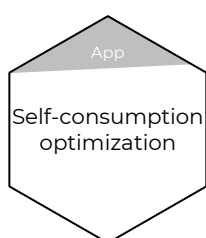
- Compact design, all storage units and power units within single housing.
- Plug-and-play installation, easy to relocate.
- External EMS controller provides more flexibility in applications.
- Improved safety characteristics
- Specially designed for industrial and grid serving applications



CABINET GENERAL

Protection Class	General IP33, battery cabinet IP55
Operating Ambient Temperature	-20°C to +50°C
Operating Humidity	0-95% RH
Operating Altitude	< 3,000 meter
Ventilation	Fan ventilation
Energy Management	Included
Wiring	3L N PE suitable for TN-C-S system
Dimensions (W x L x H)	1,785 x 1,300 x 2,320 mm product 2,000 x 1,500 x 2,500 mm packing
Cabinet Weight	2,655 kg net
Communication	Modbus-RTU/-TCP for internal and external communication
Round Trip Efficiency	≥ 88% in optimal operational profile
Fire Safety System	Aerosol fire suppression, remote warning system via controller

ENERGY MANAGEMENT SYSTEM (Choice from Apps)

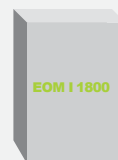
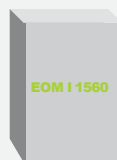
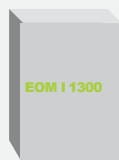


POWER CONVERSION / AC STAGE

Rated AC System Active Power	62.5 kW
Max AC System Apparent Power	70 kVA
Rated AC Voltage	315 ~ 450 (3-phase) Vac
Frequency	50/60 ± 5 Hz
Total Harmonic Distortion (THDi)	< 3% @ rated power
Power Factor	0.9 ind to 0.9 cap, continuous adjustable
Cooling Type	Forced air cooling
Certificates	IEC 62477, IEC 61000-6-2:2019, IEC 61000-6-4:2019
In-Grid Code	VDE-AR-N 4105:2018, VDE-AR-N 4110:2023

BATTERY STORAGE / DC STAGE

Rated Nominal Capacity	115 kWh at beginning of life (BoL)
Rated Useable Capacity	109 kWh at beginning of life (BoL)
Rated DC voltage	768 Vdc
Depth of Discharge	≥ 97 %
Charge/Discharge Rate	Nominal 0.5 C / 0.5 C
Nominal SOC at Delivery	30 %
Minimal Useable SOH	70 %
Chemical System	Lithium-iron phosphate, LFP
Cooling Type	Air cooling
Certificates	UN38.3, IEC 62619, UL 1973, UL 9540A, IEC 62477-1 LVD, IEC 61000-6-2/4 EMC



Available Portfolio

