



ECOTECH

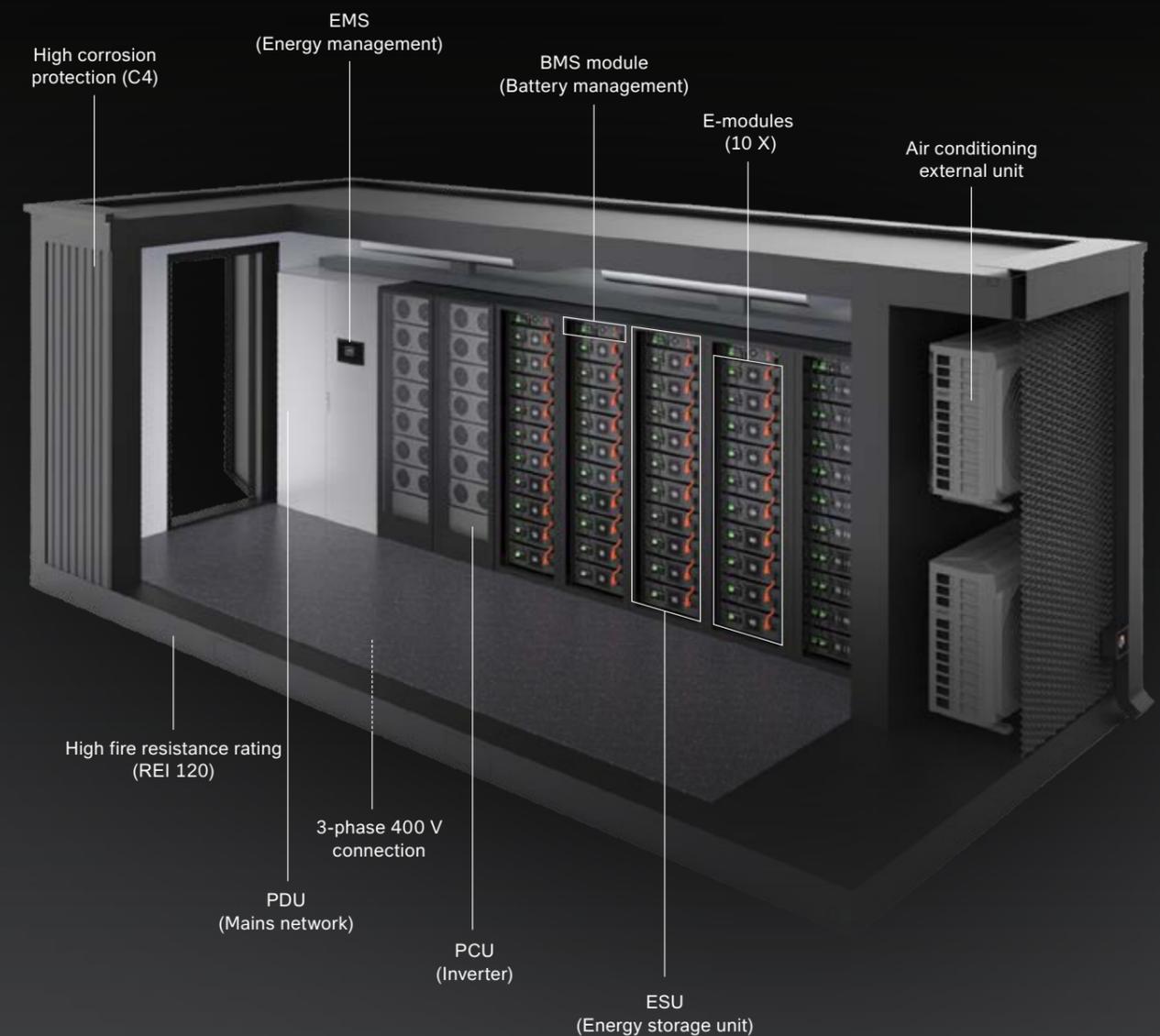


GLOCK BESS

GLOCK BESS is an innovative and reliable battery storage system for a self-sufficient supply of power in a commercial environment.

The GLOCK BESS is a premium outdoor solution in a robust, secure container design. This innovation enables demand-based energy management.

- Simple installation via 3-phase 400 V connection (DC-AC solution)
- Battery modules can be replaced or expanded
- Real-time remote monitoring system
- High fire resistance rating (REI 120)
- Excellent resistance against corrosion, dust, and splash water (C4, IP56)
- Innovative solution for a quiet operating mode – „Silent Operation“
- Developed and manufactured in Austria to the highest quality standards



GLOCK BESS

Small – Medium – Large

144 kWh – 2.079 kWh

Capacity*

100 kW – 675 kW

Charging and discharging rate*

>20 years

Service life*

* The performance values are averages based on the data sheet on page 7.

Customizable exterior for seamless aesthetic integration

By integrating GLOCK BESS storage systems, companies and public institutions that already operate projects with combined heat and power plants or other renewable energy sources can further optimize the use of their produced electricity for increased self-sufficiency or with time-shifting according to their actual demand at site.

Settlements
Housing estate
Housing construction

Tourism
Hotels
Wellness resorts

Industry
Business
Energy parks





GLOCK Ecotech
with its innovative technologies
makes an important contribution
to an independent energy supply.

Battery storage systems **GLOCK BESS**

	GLOCK BESS Small	GLOCK BESS Medium	GLOCK BESS Large
Net capacity (kWh)	462	1078	2079
Power rating, Standard (kVA)	100	250	400
Power rating, Premium (kVA)	150	350	675
Nominal voltage DC (V)	768		
Nominal voltage AC (V)	3ph 400		
Charging cycles	>20 years @ 70% SOH based on 280 full charging cycles and 85 partial charging cycles per year		
Battery care mode	Output capacity regulation to increase the service life of the cells		
Mains frequency (Hz)	50/60		
Fire resistance rating	REI 90 (withstands fire from the inside for at least 90 minutes) up to REI 120		
Container protection rating	IP56		
Air conditioner protection rating	IP21		
Container external dimensions (m) L x W x H	3.8 x 2.9 x 2.9	6.8 x 2.9 x 2.9	12.2 x 2.9 x 2.9
Maximum elevation (m)	2000		
Ambient temperature (°C)	-25 bis +45		
Fault tolerance	Continuous partial operation during replacement of battery modules or inverters		
Troubleshooting	Simple replacement of faulty modules		
Flexible capacity	All models available partially populated, flexible expansion in steps of 77 kWh possible		
Noise level	Innovative solution for low-noise operation		
Selection of certificates	VDE-AR-N 4105 and 4110, TOR Erzeuger, IEC 61000-6-1, IEC 62619, VDE AR 2510 50, CE, CEI 0-21, CEI-0-16		
Interfaces	12" HMI touchscreen, Ethernet, Modbus TCP		
Exterior design (roof, sides)	Configurable		
Miscellaneous	Internal energy management system, remote monitoring		
Logistics	According to UN 38.3		

ENERGY SOLUTIONS WITH CONFIDENCE



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