

Technical data

Quattroporte



A member of Hager Group

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The modular storage system that can be expanded at any time

Performance data	UNO	UNO	DUE	MAX	MAX	MAX
Operating mode	1-phase	1-phase	2-phase ¹⁾	3-phase	3-phase	3-phase
Continuous output inverter (W)	1,500	1,500	3,000	4,500	4,500	4,500
Peak power ²⁾ (W) (emergency power operation)	2,000	2,000	4,000	6,000	6,000	6,000
Emergency power	yes					
Emergency power type	selective connection of (multi-phase) consumers (until the battery is dead)					
Inverter efficiency (%)	> 94					
Battery system	UNO S	UNO M	DUE L	MAX L	MAX XL	MAX XXL
Battery technology	lithium-ion certified as intrinsically safe in accordance with IEC62619					
Efficiency (%)	up to 98					
Temperature control from E3/DC	yes					
Usable battery capacity (kWh)	2.9	5.8	11.7	11.7	17.5	23.4
Typical weight (per battery module in kg)	26.5	44	44	44	44	44
Cycles	unlimited ³⁾					
General data	UNO S	UNO M	DUE L	MAX L	MAX XL	MAX XXL
External interfaces	ModBUS (TCP), KNX, CAN-I/O, xComfort					
Approvals	in accordance with VDE-AR-N 4105, DIN VDE 0126-1-1, CE, UN38.3					
Permissible / recommended ambient temperature (°C)	+5 to +35 / +15 to +25					
Protection class / cooling	IP20 / fan					
Data interface	USB, Ethernet, CAN					
Energy management	integrated					
Dimensions W ⁴⁾ x H ⁵⁾ x D (mm)	740 x 1,047 x 293	740 x 1,047 x 293	740 x 2,022 x 293	740 x 2,022 x 293	740 x 2,022 x 293	740 x 2,022 x 293
Device weight without batteries (kg)	69	69	122	150	150	150
Total weight storage system (kg)	95.5	113	210	238	282	326
Home automation	KNX, myGEKKO, Loxone, xComfort					

To be able to use the emergency power function, a separate emergency power box that selectively distributes or divides up the power per phase between the consumers needs to be installed.

The performance and availability of the emergency power function can be influenced and limited by software updates, grid checks and grid states of the inverter and by external conditions (e.g. house load, generation, hardware failure, temperature or battery calibration). Battery calibration / discharge using self-generated electricity is also carried out on a weekly basis, usually at night, depending on the requirements of the battery manufacturer.

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The modular storage system that can be expanded at any time

	2 x MAX XXL Consists of 3 x MAX XXL energy storage units	3 x MAX XXL ⁶⁾ Consists of 3 x MAX XXL energy storage units
Performance data		
Operating mode	3-phase	3-phase
Continuous output inverter (W)	9,000	13,500
Peak power ²⁾ (W) (emergency power operation)	12,000	18,000
Emergency power ²⁾		yes
Emergency power type	selective connection of (multi-phase) consumers (until the battery is dead)	
Inverter efficiency (%)		> 94

	2 x MAX XXL	3 x MAX XXL
Battery system		
Battery technology	lithium-ion certified as intrinsically safe in accordance with IEC62619	
Efficiency (%)		up to 98
Temperature control from E3/DC		yes
Usable battery capacity (kWh)	46.8	70.2
Typical weight (per battery module in kg)		44
Cycles		unlimited ³⁾

	2 x MAX XXL	3 x MAX XXL
General data		
External interfaces	ModBUS (TCP), KNX, CAN-I/O, xComfort	
Approvals	in accordance with VDE-AR-N 4105, DIN VDE 0126-1-1, CE, UN38.3	
Permissible / recommended ambient temperature (°C)	+5 to +35 / +15 to +25	
Protection class / cooling	IP20 / fan	
Data interface	USB, Ethernet, CAN	
Energy management	integrated	
Dimensions W ⁴⁾ x H ⁵⁾ x D (mm)	1,480 x 2,022 x 293	2,220 x 2,022 x 293
Device weight without batteries (kg)	300	450
Total weight storage system (kg)	652	978
Home automation	KNX, myGEKKO, Loxone, xComfort	

¹⁾ The system can be expanded to 3-phase using an additional inverter at any time

²⁾ This power is only available for short-term overload purposes and is not used as self-generated supply (holding circuit per phase in accordance with the block diagrams).

³⁾ Within the warranty period if warranty conditions are met

⁴⁾ Plus minimum clearances from the installation manual

⁵⁾ Including 60 mm stand cover, including stand (fully screwed in) 12 mm

⁶⁾ 3 x MAX XXL scalable by farming

The service life of the batteries depends on the installation and operating conditions.

The terms and conditions of HagerEnergy GmbH apply. Internet connection required for remote maintenance and yield monitoring.



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