Technical data

Quattroporte

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Quattroporte
The modular storage system, expandable at any time

performance data	UNO	UNO	DUE	MAX	MAX	MAX
mode of operation	1-phase	1-phase	2-phase[1]	3-phase	3-phase	3-phase
inverter power (W)	1,500	1,500	3,000	4,500	4,500	4,500
performance peak[2] (W) (emergency power mode)	2,000	2,000	4,000	6,000	6,000	6,000
emergency power	yes					
type of emergency power	selected connection of (multiphase) consuming devices (until battery empty)					
efficiency inverter (%)	> 94					

battery system	UNO S	UNO M	DUE L	MAX L	MAX XL	MAX XXL
battery technology	lithium-ion					
efficiency (%)	up to 98					
temperature management by E3/DC	yes					
battery capacity (kWh)	**3,3**	**6,5**	**13**	**13**	**19,5**	**26**
depth of discharge (%)	90	90	90	90	90	90
weight per battery module (kg)	26,5	44	44	44	44	44
cycles	unlimited[3]					

general information	UNO S	UNO M	DUE L	MAX L	MAX XL	MAX XXL
ext. interface	ModBUS(TCP), KNX, CAN–I/O, xComfort					
certifications	VDE-ARN-4105, CE, UN38.3					
temperature operating range (°C)	+5 up to +35					
protection class / cooling	IP20 / cooler					
data interfaces	USB, Ethernet, CAN					
energy management	integrated					
size W[4]xH[5]xD (mm)	740x1047x293	740x1047x293	740x2022x293	740x2022x293	740x2022x293	740x2022x293
system weight without batteries (kg)	69	69	122	150	150	150
total weight storing unit (kg)	95,5	113	210	238	282	326
smart home automation	KNX, myGEKKO, Loxone, xComfort					

The emergency power functionality be aquires a separate electrical cabinet which asigns and connects the electrical loads to the Quattroporte output faces.

Performance and availability of the solar emergency power function can be derated or may be off due to software updates, grid inverter and external conditions (e.g. house load, generation, hardware defect, temperature, battery calibration). A weekly battery calibration discharges the battery according to battery management system requirements.

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The modular storage system, expandable at any time

performance data	2x MAX XXL Consisting of 2x energy storages of type MAX XXL	3x MAX XXL[6] Consisting of 3x energy storages of type MAX XXL
mode of operation	3-phase	3-phase
inverter power (W)	9,000	13,500
performance peak[2] (W) (emergency power mode)	12,000	18,000
emergency power[2]	yes	
type of emergency power	selected connection of (multiphase) consuming devices (until battery empty)	
efficiency inverter (%)	> 94	

battery system	2x MAX XXL	3x MAX XXL
battery technology	lithium-ion	
efficiency (%)	up to 98	
temperature management by E3/DC	yes	
battery capacity (kWh)	**52**	**78**
depth of discharge (%)	90	90
weight per battery module (kg)	44	
cycles	unlimited[3]	

general information	2x MAX XXL	3x MAX XXL
ext. interface	ModBUS(TCP), KNX, CAN–I/O, xComfort	
certifications	VDE-ARN-4105, CE, UN38.3	
temperature operating range (°C)	+5 up to +35	
protection class / cooling	IP20 / cooler	
data interfaces	USB, Ethernet, CAN	
energy management	integrated	
size W[4]xH[5]xD (mm)	1,480x2,022x293	2,220x2,022x293
system weight without batteries (kg)	300	450
total weight storing unit (kg)	652	978
smart home automation	KNX, myGEKKO, Loxone, xComfort	

[1] via an additional inverter a constant expansion to 3 phases is possible

[2] this power is only available for short-term overload puposes (holding circuit necessary per phase according to block diagrams)

[3] within the warranty time adhered to warranty conditions

[4] please note from installation manual that the minimum distance needs to be added

[5] incl. 60 mm stand base, incl. stand (fully screwed-in) 12 mm

[6] 3x MAX XXL scalable via farming

The battery lifetime depends on the installation- and operating-mode conditions.

Terms and conditions of E3/DC Gmbh apply. DSL connection for remote maintenance and energy management required.

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