CEGASA

Energy you can trust

E/Bick LV MADE IN EUROPE

V04 - Oct. 2024

High performance battery for self-consumption applications.

MODULAR DESIGN

48 V stackable module ideal for On/Off grid self-consumption applications.

HIGH FLEXIBILITY

Available configurations from 13 kWh up to 269 kWh.

PLUG & PLAY

Easy installation with fast and safe DC connectors.

MAXIMUM PERFORMANCE

Integrated BMS with advanced control for optimal system management.

MAXIMUM SAFETY

LFP technology with integrated pre-charge and circuit braker system.

HIGH COMPATIBILITY

Compatible with main low voltage inverters in the market.

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E/Bick LV

Technical Data Sheet

MINIMUM INSTALLATION

1 module
Energy: 13,44 kWh

MINIMUM STACK

1x

Energy: 13 kWh
Nominal voltage: 48 V

MAXIMUM STACK

4x

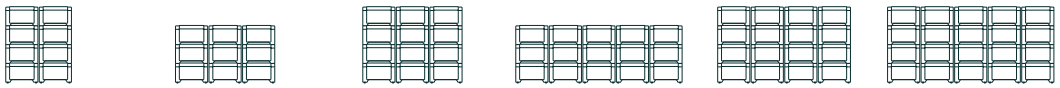
Energy: 54 kWh
Nominal voltage: 48 V

Up to 20 modules.

MAXIMUM INSTALLATION*

20 modules (20P)
Energy: 269 kWh

MODULES	1	2	3	4	5	6
Energy (kWh)	13	27	40	54	67	81
Nominal voltage (V)	48					
Voltage range (V)	44 - 52					
Recommended current (A)	140	250	300	400	500	600
Maximum current (A)**	175	313	375	500	625	750
Peak current (A) (<1 min)**	280	500	600	800	1000	1200
Nominal power (kW)	8	15	18	24	30	36
Dimensions (mm)	770x405x470 (*)	770x405x985	770x405x1435	1585x405x985	1585x405x1435	1585x405x1435
Weight (kg)	90	180	270	360	450	540
Recommended temp. (°C)	15 - 30					
Operating temp. (°C)	-5 - 45					
IP Grade	IP30					
Efficiency (0,5C, 25°C, 80% DoD)	> 96%					
Communications	CAN, Modbus TCP/IP (Sunspec)					
Certifications	CE / IEC62619 / IEC62620 / EN61000-6-2 / EN61000-6-3 / UN38.3					



MODULES	8	9	12	15	16	20
Energy (kWh)	107	121	161	202	215	269
Nominal voltage (V)	48					
Voltage range (V)	44 - 52					
Recommended current (A)	750	800	1000	1200	1250	1500
Maximum current (A)**	938	1000	1250	1500	1563	1875
Peak current (A) (<1 min)**	1500	1600	2000	2400	2500	3000
Nominal power (kW)	45	48	60	72	75	90
Dimensions (mm)	1585x405x1880	2400x405x1435	2400x405x1880	4020x405x1435	4020x405x1880	4020x405x1880
Weight (kg)	720	810	1080	1350	1440	1800
Recommended temp. (°C)	15 - 30					
Operating temp. (°C)	-5 - 45					
IP Grade	IP30					
Efficiency (0,5C, 25°C, 80% DoD)	> 96%					
Communications	CAN, Modbus TCP/IP (Sunspec)					
Certifications	CE / IEC62619 / IEC62620 / EN61000-6-2 / EN61000-6-3 / UN38.3					

*Ask CEGASA for other configurations / ** Temperature and voltage derating may apply / ***IFpP73/175/208[1p15s]M/-20+55/90