

**E/Bick HV** MADE IN EUROPE

V04 - Oct. 2024

# High performance battery for commercial and industrial applications.



## MODULAR DESIGN

Stackable system from 40 kWh to 4 MWh ideal for C&I On/Off grid applications.



## HIGH FLEXIBILITY

Available configurations for single and multi-string up to 1000 Vdc.



## PLUG & PLAY

Simple and safe installation with no special tools.



## MAXIMUM PERFORMANCE

Advanced string control for optimal system management.



## MAXIMUM SAFETY

LFP technology with integrated BMS, pre-charge and circuit breaker system.



## HIGH COMPATIBILITY

Compatible with main industrial high voltage inverters.



## MINIMUM INSTALLATION

3 modules  
Energy: 40 kWh



MINIMUM STRING

### 3x

+ control unit  
Energy: 40 kWh  
Nominal voltage: 144 V

MAXIMUM STRING

### 20x

+ control unit  
Energy: 269 kWh  
Nominal voltage: 960 V

## Up to 4 MWh.

RECOMMENDED  
MULTI-STRING\*

160 modules (20S8P)  
Energy: 2150 kWh



MODULES	3	6	8	9	10	11
Energy (kWh)	40	81	107	121	134	148
Nominal voltage (V)	144	288	384	432	480	528
Voltage range (V)	131-156	261-312	348-416	392-468	435-520	479-572
Recommended current (A)				140		
Maximum current (A)**				175		
Peak current (A) (<1 min)**				280		
Nominal power (kW)	20	40	54	60	67	74
Dimensions (mm)	770x405x1630	1585x405x1630	1585x405x2075	2400x405x1630	2400x405x2075	2400x405x2075
Weight (kg)	298	568	748	838	928	1018
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	12	14	15	16	18	20
Energy (kWh)	161	188	202	215	242	269
Nominal voltage (V)	576	672	720	768	864	960
Voltage range (V)	522-624	609-728	653-780	696-832	783-936	780-1040
Recommended current (A)				140		
Maximum current (A)**				175		
Peak current (A) (<1 min)**				280		
Nominal power (kW)	81	94	101	108	121	134
Dimensions (mm)	2400x405x2075	3205x405x2075	3205x405x2075	3205x405x2075	4020x405x2075	4020x405x2075
Weight (kg)	1108	1288	1378	1468	1648	1828
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)		
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\*Ask CEGASA for other configurations / \*\* Temperature and voltage derating may apply / \*\*\*IFp73/175/208[1p15s]M/-20+55/90