

E/Scal HV MADE IN EUROPE

V04 - Oct. 2024

Modular and scalable battery for commercial and industrial applications.



MODULAR DESIGN

Stackable system from 17 kWh to 345 kWh.



FLEXIBLE CAPACITY

Up to 15 modules in series and 4 strings in parallel.



PLUG & PLAY

Quick and safe connection with no extra tools.



MAXIMUM PERFORMANCE

Smart control with single string management.



MAXIMUM SAFETY

LFP technology with integrated precharge and circuit breaker system.



HIGH COMPATIBILITY

Compatible with the main inverters in the market.



MINIMUM INSTALLATION

3 modules
Energy: 17 kWh



MINIMUM STRING

3x

+ control unit

Energy: 17 kWh
Nominal voltage: 173 V

MAXIMUM STRING

15x

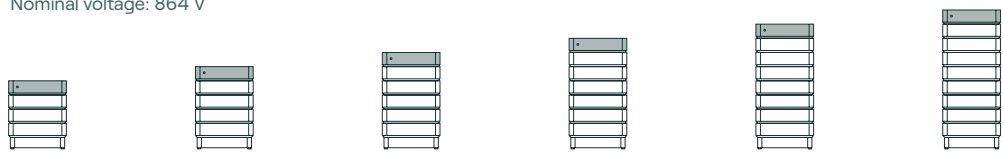
+ control unit

Energy: 86 kWh
Nominal voltage: 864 V

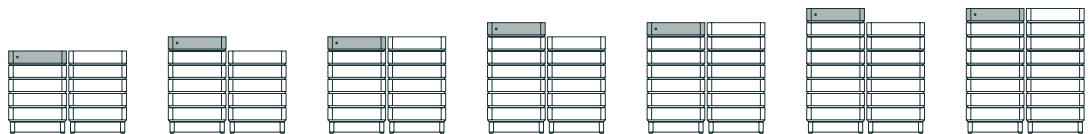
Up to 4 strings.

MAXIMUM INSTALLATION*

60 modules (15S4P)
Energy: 345 kWh



MODULES	3	4	5	6	7	8
Energy (kWh)	17	23	29	35	40	46
Nominal voltage (V)	173	230	288	346	403	461
Voltage range (V)	156-188	208-251	260-313	312-376	364-438	416-501
Recommended current (A)				50		
Maximum current (A)**				63		
Peak current (A) (<1 min)**				100		
Nominal power (kW)	9	12	14	17	20	23
Dimensions (mm)	706x375x815	706x375x995	706x375x1175	706x375x1355	706x375x1535	706x375x1715
Weight (kg)	175	225	280	330	385	435
Recommended temp. (°C)				15 - 30		
Operating temp. (°C)				-5 - 45		
IP Grade				IP55		
Efficiency (0,5C, 25°C, 80% DoD)				> 98%		
Communications	CAN, Modbus TCP/IP (Sunspec)					
Certifications	CE / IEC62619 / IEC62620 / EN61000-6-2 / EN61000-6-3 / UN38.3					



MODULES	9	10	11	12	13	14	15
Energy (kWh)	52	58	63	69	75	81	86
Nominal voltage (V)	518	576	634	691	749	806	864
Voltage range (V)	468-564	520-626	572-689	624-752	676-814	728-877	780-940
Recommended current (A)				50			
Maximum current (A)**				63			
Peak current (A) (<1 min)**				100			
Nominal power (kW)	26	29	32	35	37	40	43
Dimensions (mm)	1450x375x1040	1450x375x1220	1450x375x1220	1450x375x1400	1450x375x1400	1450x375x1580	1450x375x1580
Weight (kg)	495	545	600	650	700	755	805
Recommended temp. (°C)				15 - 30			
Operating temp. (°C)				-5 - 45			
IP Grade				IP55			
Efficiency (0,5C, 25°C, 80% DoD)				> 98%			
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 / ***IFP53/149/120[1p18s]M/-20+55/90