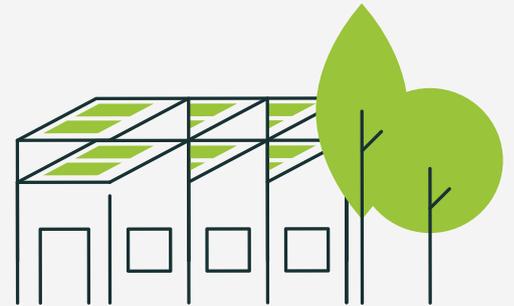


E/Xpand 16

Rack-mount battery for commercial and industrial applications.



HIGH DENSITY

High energy-density system with high capacity and high efficiency LFP technology.



COMPACT DESIGN

Standard 19" rack design with multiple configurations for easy integration into container solutions.



EASY INSTALLATION

Plug & play installation with quick and safe connectors that reduce installation times.



MAXIMUM PERFORMANCE

Smart control with a string management system for optimal performance.



MAXIMUM SAFETY

LFP technology with smart BMS and automatic pre-charging system for optimal protection.



THERMAL EFFICIENCY

Modules with air cooling to optimise system cycles.



## MINIMUM INSTALLATION

7 modules  
Energy: 113 kWh



### MINIMUM STRING

# 7x

+ control unit

Energy: 113 kWh  
Rated voltage: 358 V

### MAXIMUM STRING

# 18x

+ control unit

Energy: 289 kWh  
Rated voltage: 922 V

## Up to 10 strings.



MODULES	7	8	9	10	11	12
Energy (kWh)	113	129	145	161	177	193
Usable energy (kWh, 90% DoD)	101	116	130	145	156	174
Rated voltage (V)	358	410	461	512	563	613
Voltage range (V)	325–386	371–442	418–497	464–552	510–607	557–662
Recommended current (A)	157					
Maximum current (A)*	220					
Peak current (A) (<1 min)*	314					
Rated power (kW)	81	93	105	116	128	140
Dimensions (mm)	550x832x2150	1100x832x1640	1100x832x1640	1100x832x1640	1100x832x1640	1100x832x2150
Weight (kg)	991	1174	1297	1420	1543	1686



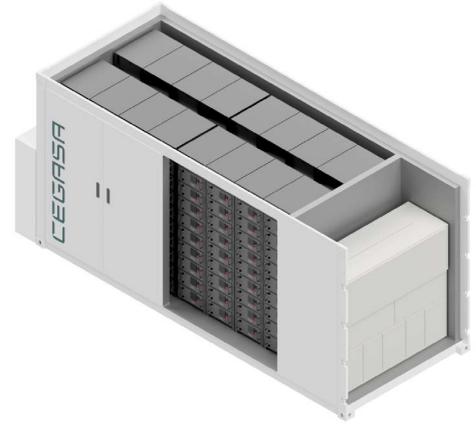
MODULES	13	14	15	16	17	18
Energy (kWh)	209	225	241	257	273	289
Usable energy (kWh, 90% DoD)	188	203	217	232	246	260
Rated voltage (V)	666	717	768	819	870	922
Voltage range (V)	603–718	650–773	696–828	742–883	789–938	835–993
Recommended current (A)	157					
Maximum current (A)*	200					
Peak current (A) (<1 min)*	350					
Rated power (kW)	151	163	175	186	198	210
Dimensions (mm)	1100x832x2150	1100x832x2150	1100x832x2150	1650x832x1640	1650x832x1640	1650x832x2150
Weight (kg)	1809	1962	2095	2238	2361	2514

## GENERAL

Cycles [1]	> 6000
Operating temp (°C)	From -5 to 45
Protection rating	IP30
Efficiency [1]	> 98%
DoD max.	90% (configurable)
Communications	CAN, Modbus TCP/IP (Sunspec)
Certifications	CE / IEC62619 / IEC62620 / EN61000-6-2 / EN61000-6-3 / UN38.3
IEC 62620 Nomenclature	IFpP73/176/209[1p16s]M/O+50/90

[1] Test conditions: 0.2C / 25°C / 90% DoD | \*Derating may be applicable due to temperature and voltage

SPECIFIC SOLUTIONS (BESS).



**NORMAL HEIGHT**  
Height: 2150 mm

**HIGH CUBE**  
Height: 2405 mm



MODULES	15	17
Energy (kWh)	241	273
Usable energy (kWh, 90% DoD)	217	246
Rated voltage (V)	768	870
Voltage range (V)	696–828	789–938
Recommended current (A)		157
Maximum current (A)*		220
Peak current (A) (<1 min)*		314
Rated power (kW)	175	198
Dimensions (mm)	1100x832x2150	1100x832x2405
Weight (kg)	2095	2241

GENERAL	
Cycles [1]	> 6000
Operating temp (°C)	From -5 to 45
Protection rating	IP30
Efficiency [1]	> 98%
DoD max.	90% (configurable)
Communications	CAN, Modbus TCP/IP (Sunspec)
Certifications	CE / IEC62619 / IEC62620 / EN61000-6-2 / EN61000-6-3 / UN38.3
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[1] Test conditions: 0.2C / 25°C / 90% DoD | \*Derating may be applicable due to temperature and voltage