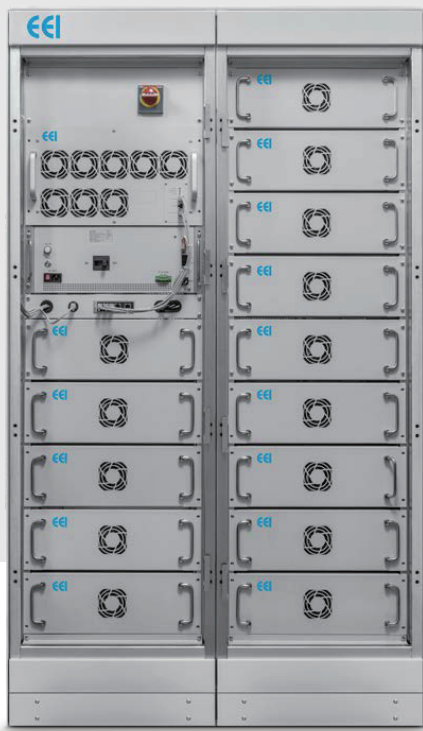


MAX BESS



SELF-CONSUMPTION
OPTIMIZATION



自發自用

PEAK SHAVING



削峰填谷

BACK - UP



備用電源

POWER QUALITY



電力品質

GENSET
OPTIMIZATION



發電機優化

ON GRID/OFF GRID



併網/離網

全方面工商業儲能解決方案

THE ALL-IN-ONE C&I STORAGE SOLUTION

包含儲能電池與逆變器、BMS與能源管理系統：

憑藉其非常緊湊的尺寸，MAX BESS 是商業和工業環境中安裝的理想系統，同時因安裝模組化與靈活的安裝方式，也適用於大型系統

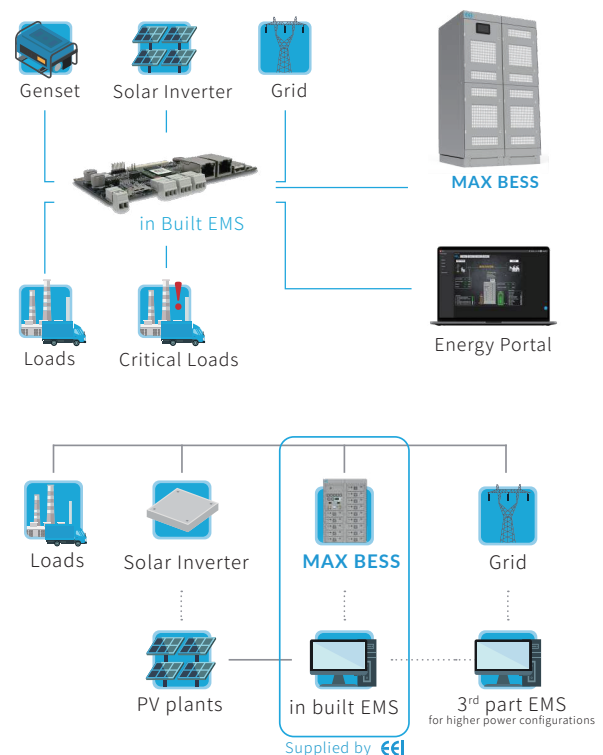
Consisting of:

Inverter, Batteries, BMU and Energy Management System

Thanks to its very compact dimensions it is the ideal system for installations in commercial and industrial contexts, but also for large-scale systems given the modularity and flexibility of installation.

最大限度地減少不同電池的工作，提高效率，安裝快速直觀，並具有內建EMS和監測功能

Minimizes the work of different batteries, increases efficiency, fast and intuitive to install, and has built-in EMS and observation functions.



主要特色 MAIN FEATURES

- 存儲容量可達200 kWh
- 功率高達 90 kW 的集成 PCS
- LFP 電池可實現更長的使用壽命和安全性
- 使用本機界面進行監控
- 通過網絡服務器進行遠程訪問
- 具有多種配置的模組化系統
- Storage capacity of 200 kWh
- Integrated PCS with power up to 90 kW
- LFP batteries for longer life and safety
- Monitoring with local interface
- Remote access via web server
- Modular system with a wide range of configurations

規格 SPECIFICATION

交流輸出參數 AC Output Parameters

	MAX BESS 70_72	MAX BESS 60_144	MAX BESS 90_200
額定功率 Rated power	70kVA	60kW	90kW
額定電壓 Rated voltage	400 Vac±10%		
額定頻率 Rated frequency	50/60Hz(±5Hz)		
額定輸出電流 Rated output current	101A	87A	130A
超載 Overload	110% (1 min every 30 min)		
交流連接 AC connection	3ph+N+PE Transformerless		
功率因數 Power factor	(0 leading ~ 0 lagging) @ rated Vdc		
總諧波失真 THDi	<3%		
斷路裝置 Disconnection device	AC Switch disconnecter + fuses		
過壓保護 Overvoltage protection	Surge suppressors		

直流輸出參數 DC Output Parameters

額定電壓 Rated voltage	—	750V	750V
額定電流 Rated current	—	160A	240A
額定功率 Rated power	—	120kW	180kW

電池組規格 Battery Pack Specification

電池額定電壓 Battery rated voltage	716.8V	512V	716.8V
額定充放電電流 Rated current charge/discharge	100A	140A	140A
額定容量 Battery capacity	71.68kWh	143.36kWh	200.7kWh
電池類型 Battery type	LFT (LiFePO4)		
周期 Cycles	6000 cycles, 0.5 C, 100% DOD, 25°C 3000 cycles, 1 C, 100% DoD, 25°C	6000 cycles, 0.5 C, 100% DOD, 25°C	
模塊串聯 Modules in series	14	20	28

一般系統規格 General system specification

尺寸(長x高x深)mm Dimensions(LxHxD)mm	1113x1920x800	1700x2100x900	2250x2100x900
重量(公斤) Weight(kg)	1240 kg	1940 kg	2650 kg
工作溫度範圍°C Operating temperature range °C	0°C~+40°C	-10°C ~ +50°C	-10°C ~ +50°C
儲存溫度範圍°C Storage temperature range °C	0°C~+40°C	-20°C ~ +60°C	-20°C ~ +60°C
濕度 Humidity	0~95% (non-condensing)		
防護等級 IP rating	IP21 INDOOR	IP54 OUTDOOR	IP54 OUTDOOR
冷卻 Cooling	Forced air	Forced air (converter section), Air conditioning (battery section)	
噪音水平 [dB] Noise level [dB]	<85	<80	<80
通訊 Communication	Modbus TCP/IP-4G and Wifi (optional)		Modbus TCP/IP - 4G (optional)
海拔高度 Altitude	≤2000 m		

標準和認證 Standards and Certifications

安全性(電池) Safety(cell)	IEC 62619, UL 9540, UN 38.3		
電磁兼容 EMC	EN61000-6-2, EN61000-6-4 / IEC 62477-1		
電網代碼 Grid code	CEI 0-21, CEI 0-16		

監測 MONITORING



專為多能源多站點監管打造的
數據可視化平台
自動化警報配置和管理

Data visualization platform,
built for multi-energy and
multi-site supervision

Automated alert configuration
and management

系列 SERIES



Capacity: 72 kWh
Power: 70 kW



Capacity : 144 kWh
Power: 60 kW



Capacity: 200 kWh
Power: 90 kW



- Outdoor
- Indoor
- Ideal for Energy applications
- Ideal for Power applications