

MAX BESS OUTDOOR



THE **ALL IN ONE**
C&I STORAGE
OUTDOOR
SOLUTION



MAX BESS OUTDOOR

GENERAL TECHNICAL FEATURES

AC OUTPUT PARAMETERS

	MAX BESS 60_144 / 90_288	MAX BESS 90_200 / 180_400
Rated power	60 kW / 90 kW	90 kW / 180 kW
Rated voltage	400 Vac	400 Vac
Rated frequency	50 / 60Hz	50 / 60Hz
Rated output current	87 A / 130 A	130 A / 260 A
Overload	115% (1 min every 30 min)	115% (1 min every 30 min)
AC connection	3ph+N+PE Transformerless	3ph+N+PE Transformerless
Power factor	(0.85 leading ~ 0.85 lagging), (adjustable)	(0.85 leading ~ 0.85 lagging), (adjustable)
THDi	<3%	<3%
Disconnection device	AC Switch disconnecter + fuses	AC Switch disconnecter + fuses
Overvoltage protection	Surge suppressors	Surge suppressors

DC OUTPUT PARAMETERS

Rated voltage	750 V	N.A.
Rated current	160 A / 295 A	N.A.
Rated power	120 kW / 220 kW	N.A.

BATTERY PACK SPECIFICATION

Battery rated voltage	512 V	716,8 V
Rated current charge/discharge	140 A / 280 A	140 A / 280 A
Rated capacity	143,36 kWh / 286,72 kWh	200,7 kWh / 401,4 kWh
Battery type	LFP (LiFePO4)	LFP (LiFePO4)
Cycles	6000 cycle, 0,5 C, 100% DOD, 25°C	6000 cycle, 0,5 C, 100% DOD, 25°C
Modules in series	20 / 2 x 20	28 / 2 x 28

GENERAL SYSTEM SPECIFICATION

Dimensions (L×H×D)mm	1700*2100*900 / 2800*2100*900	2250*2100*900 / 3900*2100*900
Weight (Kg)	1940 kg / 3790 kg	2650 kg / 5180 kg
Operating temperature range °C	-10°C ~ +50°C	-10°C ~ +50°C
Storage temperature range °C	-20°C ~ +60°C	-20°C ~ +60°C
Humidity	0~95% (non-condensing)	0~95% (non-condensing)
IP rating	IP54 OUTDOOR	IP54 OUTDOOR
Cooling	Forced air (converter section), Air conditioning (battery section)	Forced air (converter section), Air conditioning (battery section)
Noise level [dB]	<80	<80
Communication	Modbus TCP/IP - 4G (optional)	Modbus TCP/IP - 4G (optional)
Altitude	≤2000m	≤2000m
Warranty	5 years product / 10 years performance*	5 years product / 10 years performance*

STANDARDS AND CERTIFICATION

Safety (cell)	IEC 62619, UL 1973, UN 38.3	
Safety/EMC	IEC 62477-1 / EN61000-6-2, EN61000-6-4	IEC 62477-1 / EN61000-6-2, EN61000-6-4
Grid code	CEI 0-21, CEI 0-16	CEI 0-21, CEI 0-16

*For warranty details, please refer to the MaxBESS product warranty

EEI - Equipaggiamenti Elettronici Industriali S.p.A.
T +39.0444.562988 | F +39.0444.562373 (6 linee r.a.) | @ staff@eei.it

www.eei.it

