# EEI MAX BESS
## THE ALL IN ONE C&I STORAGE SOLUTION

MAX BESS is an All-in-One system 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.

MAX BESS MAIN FEATURES:
- Storage capacity of 72 kWh
- Integrated PCS with power up to 70 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



SELF-CONSUMPTION OPTIMIZATION

PEAK SHAVING

BACK - UP

POWER QUALITY

GENSET OPTIMIZATION

ON GRID OFF GRID

EEI
ITALIAN POWER TECHNOLOGY

| | MAX BESS 35 | MAX BESS 70 |
|---|---|---|
| **AC OUTPUT PARAMETERS** | | |
| Rated power | 35 kVA | 70 kVA |
| Rated voltage | 400 Vac +-10% | 400 Vac +-10% |
| Rated frequency | 50 / 60Hz(±5Hz) | 50 / 60Hz(±5Hz) |
| Rated output current | 50 A | 101 A |
| Overload | 150% (10 sec every 10 min) | 150% (10 sec every 10 min) |
| AC connection | 3ph+N+PE Transformerless | 3ph+N+PE Transformerless |
| Power factor | (0 leading ~ 0 lagging), depending on DC voltage input | (0 leading ~ 0 lagging), depending on DC voltage input |
| THDi | <3% | <3% |
| Disconnection device | AC Switch disconnector + fuses | AC Switch disconnector + fuses |
| Overvoltage protection | Surge suppressors | Surge suppressors |
| **BATTERY PACK SPECIFICATION** | | |
| Battery rated voltage | 716.8 V | |
| Rated current charge/discharge | 100 A | |
| Rated capacity | 71.68 kWh | |
| Battery type | LFP (LiFePO4) | |
| Depht of discharge (DoD) | 100% | |
| Cycles | 3.000 cicles, 100%DOD, 25°C | |
| Modules in series | 14 | |
| Safety (cell) | IEC 62619, UL 1973, UN 38.3 | |
| **GENERAL SYSTEM SPECIFICATION** | | |
| Dimensions (L×H×D)mm | 1113*1920*800 | |
| Weight (Kg) | 1240 kg | |
| Operating temperature range °C | 0° + 40° C | |
| Storage temperature range °C | -10°C ~ +60°C | |
| Humidity | 0~95% (non-condensing) | |
| IP rating | IP21 | |
| Cooling | Forced air | |
| Noise level [dB] | <85 | |
| Communication | Modbus TCP/IP-4G and WIFI (optional) | |
| Altitude | ≤2000m | |
| **STANDARDS AND CERTIFICATIONS** | | |
| EMC | EN61000-6-2, EN61000-6-4 | |