

# Max-ProAM C&I Outdoor Liquid-cooling Energy Storage Cabinet



## Modular design

- Features a standardized battery cabinet with a pre-assembled externally mounted PCS for plug-and-play installation.
- Offers a 135kW / 262kWh capacity per unit, enabling easy system expansion.



## Intelligent & user-friendly

- Compatible with diverse EMS strategies for maximized financial returns.
- Delivers smart fault diagnostics and simplified O&M, saving time and labor.



## Safe & reliable

- Powered by global Tier-1 battery cells and PCS hardware to ensure long-term stability.
- Both the battery cabinet and the PCS are fully certified to relevant safety standards.



## The premier choice for North America

- Engineered specifically for the North American markets, ensuring strict compliance with regional requirements and market entry standards.

| Product name                                     | Max-ProAM C&I Outdoor Liquid-cooling Energy Storage Cabinet                                     |
|--|---|
| <b>Cabinet parameters</b>                        |   |
| Cabinet model                                    | Max-Classic   |
| Cell type  | LFP 315Ah   |
| Cell configuration                               | 1P260S  |
| Rated energy at DC side                          | 262kWh  |
| Voltage range                                    | 728V~923V   |
| Dimensions (W*H*D)                               | 950mm*2120mm*1400mm   |
| Weight   | 2400kg  |
| Ingress protection rating                        | IP55  |
| Anti-corrosion grade                             | C4-M  |
| Operating ambient humidity                       | 0%~95% (non-condensing)   |
| Operating ambient temperature                    | -20°C~55°C (derating > 45°C)  |
| Max. operating altitude                          | 4000m (derating > 2000m)  |
| Cooling method                                   | Liquid-cooling  |
| Fire protection/safety features                  | Aerosol+combustible gas detection+ventilation+water extinguishing system                        |
| Communication interface                          | LAN   |
| Communication protocol                           | Modbus TCP  |
| Certification                                    | IEC 62619, IEC 63056, IEC 62477, EN IEC 61000, UL 1973, UL 9540A, UN 38.3                       |
| <b>PCS parameters</b>                            |   |
| PCS model  | PWS1-135M-NA  |
| Rated power                                      | 135kW   |
| AC voltage                                       | 480 (-15%~15%) Vac  |
| DC voltage range                                 | 720V~1000V  |
| DC voltage range @full load                      | 720V~1000V  |
| DC current                                       | 193A  |
| AC connection                                    | Grid-connected mode: 3P3W/3P4W<br>Off-grid mode: 3P4W   |
| AC frequency                                     | 60±5Hz  |
| THDi (Grid-connected mode)                       | ≤3%   |
| Voltage ripple coefficient (Grid-connected mode) | ≤1%   |
| AC power factor                                  | 0.99/-1~1   |
| Overload capacity                                | Grid-connected mode: 110% long-term<br>Off-grid mode: 110% long-term/120% for 1min/150% for 10s |
| Rated power efficiency                           | 98%   |
| Dimensions (W*H*D)                               | 720mm*265mm*960mm   |
| Weight   | ≤115kg  |
| Noise  | <75dB@1m  |
| Ingress protection rating                        | IP66  |
| Anti-corrosion grade                             | C5  |
| Operating ambient humidity                       | 0%~100% (non-condensing)  |
| Operating ambient temperature                    | -40°C~60°C (derating > 55°C)  |
| Cooling method                                   | Forced air cooling  |
| Max. operating altitude                          | 3000m (derating > 3000m)  |
| Communication interface                          | RS485, Ethernet, CAN  |
| Communication protocol                           | Modbus TCP/RTU, IEC 104, CAN 2.0  |
| BMS access                                       | Supported   |
| Certification                                    | UL1741, IEEE1547  |