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Technical specifications

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Pro 125/261



Next-Gen Liquid-Cooled Cabinet

Technical specification for compact 125 kW / 261 kWh cabinet — successor to Pro 125/258.

Technical specification

| Parameter | Value | Description |
|-----------------------|--|-----------------------------------|
| Cell type | LFP 3.2V/314Ah | Lithium iron phosphate cells |
| Rated capacity | 261 kWh | Rated energy |
| Rated power | 125 kW | Continuous charge/discharge power |
| Inverter type | On-grid / Off-grid | On-grid and off-grid |
| DC voltage range | 728~936 V | DC voltage range |
| AC Voltage | 400 V (±15%) | 3-phase, 50 Hz |
| Power factor | -1 ~ 1 | Full reactive power control |
| System efficiency | ≥90% | Round-trip efficiency |
| Depth of discharge | 100% | Full depth of discharge |
| Protection rating | IP55 | Dust and water protection |
| Cooling system | Liquid cooling (automatyczne uzupełnianie) | Intelligent liquid cooling |
| Safety system | Aerosol + mgła wodna + wentylacja + alarm | Multi-layer fire protection |
| Noise | ≤75 dB | Noise level at 1 m distance |
| Operating temperature | 20°C do 45°C | Derating above 45°C |

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| Parameter | Value | Description |
|--------------------|---|--|
| Humidity | 0~95% (non-condensing) | Operating humidity range |
| Maximum altitude | 4000 m | Derating powyżej 2000 m |
| Dimensions (W×D×H) | 1012×1380×2270 mm | Compact cabinet — 37% smaller than Pro 125/258 |
| Weight | ≤2500 kg | Total cabinet weight |
| Communication | LAN / RS485 / Modbus / IEC104 / MQTT | Versatile communication interfaces |
| Wiring | 3-phase 4-wire | On-grid / Off-grid |
| DC protection | Contactor + fuse | DC side protection |
| Cycle life | ≥8000 (100% DoD, EoL 70% SoH) | Long battery lifespan |
| Scalability | 1-8 jednostek | Modular parallel expansion |
| Warranty | ≥5 lat / 8000 cykli | System warranty |
| Certificates | IEC 62619, IEC 60730-1, IEC 62477, IEC 60529, IEC 61000-6-2/6-4 | Safety and EMC certificates |