# 125 kW / 418 kWh Smart Liquid-Cooled All-in-One Cabinet

MODEL B · LONG DURATION

The same 125 kW converter with 60% more energy behind it. A 1P416S string at 1331 Vdc nominal extends discharge time past three hours — built for longer peak windows and sites that cannot afford a short bridge through an outage.




| 125kW | 418kWh | ≥98% | 3.85t |
|---|---|---|---|
| RATED POWER | CAPACITY | SYSTEM EFFICIENCY | WEIGHT |

## AC GRID PARAMETERS

| | |
|---|---|
| Rated power | 125 kW |
| Max. output power | 150 kW |
| Rated grid voltage | 380 Vac |
| Allowable grid voltage range | 340–460 Vac |
| Rated grid frequency | 50 Hz |
| Power factor | 0.8 leading – 1.0 lagging |
| THD | ≤5% at rated output |
| Connection method | Three-phase four-wire |

## BATTERY SYSTEM

| | |
|---|---|
| Battery system capacity | 418 kWh |
| Cell type | LFP 3.2 V / 314 Ah |
| Configuration | 1P416S |
| Rated voltage | 1331 Vdc |
| Voltage range | 1102–1500 Vdc |

## SYSTEM EFFICIENCY

| | |
|---|---|
| Converter max. efficiency | ≥98.5% |
| Max. system efficiency | ≥98% |
| Charge / discharge rate | ≤0.5 C |

## GENERAL PARAMETERS

| | |
|---|---|
| Dimensions (W×D×H) | 1400×1450×2600 mm |
| Weight | 3.85 t |
| Protection class | IP54 |
| Cooling method | Liquid cooling |
| Ambient temperature | -20 ~ +40 °C |
| Communication | RS485 / CAN / Ethernet |

**Certifications & compliance:** IEC 62619 · IEC 62933 · UL 1973 · CE · UN 38.3 | **Warranty:** 10-year limited warranty · ≥80% capacity after 6,000 cycles · 24 h response / 48 h on-site service