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 remote response