

BXA-P125-B261

ESS ALL-IN-ONE CABINET

AI-Powered Battery Safety Detection and Customer Service



- ✓ Flexible and easily expanded as per the requirements.
- ✓ Supports both on-grid and off-grid operations.
- ✓ Integrate all things and easy for installation.
- ✓ Equip with cloud-based monitoring capabilities.



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Calle Peña Santa 68, Polígono Industrial
Silvota, 33192, Llanera, Asturias



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Model

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DC Parameters

Cell Type	LFP-3.2 V-314 Ah
Battery Rated Capacity	261 kWh
Nominal Voltage	832 Vdc
Charging/Discharging C-rate	≤0.5CP
Cooling Method	Intelligent Liquid Cooling

AC Parameters (Grid-connected)

Rated Power	125 kW
Grid Voltage	400 V (-10%~10%)
Rated Current	180 A
Rated Grid Frequency	50 Hz/60 Hz
Grid Frequency Range	45~55 Hz/55~65 Hz
Total Current Harmonic Distortion	<3% (at rated power)
Power Factor	>0.99 (at rated power)
Power Factor Adjustable Range	-1 (leading) ~1 (lagging)

AC Parameters (Off-grid)

AC Off-grid Voltage	400 V (-5%~5%)
AC Off-grid Frequency	50 Hz/60 Hz
Off-grid Output Voltage Distortion	<3% (linear load)

System Parameters

Cooling Method	Liquid Cooling+Air Cooling
Fire Protection System	Aerosol + Water-based Fire Protection (optional)
Anti-corrosion Grade	C4
Protection Level	IP54 (IP55 for battery compartment)
Operating Temperature Range	-20 °C~+45 °C
Storage Temperature	-20 °C~+35 °C (≤6 months)/ -20 °C~+45 °C (≤1 month)
Operating Humidity Range	0~95%RH
Installation Method	Outdoor Installation



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System Parameters

Working Condition	Maximum 2 charges and 2 discharges per day
System Communication Interface	Ethernet / RS485
External System Communication Protocol	Modbus TCP / IEC104 / Modbus RTU
Altitude	Within 4,000 m
Dimensions (W×D×H)	1350×1326×180 mm
Weight	2,490±5% kg

Certification

IEC62619, IEC60730, IEC61000, IEC62477, EN50549, VDE4105, VDE4110, VDE4120, UN38.3, UN3480

※ Information may be subject to modify without notice. If there is any change in product size and parameters, please refer to the latest information without prior notice



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