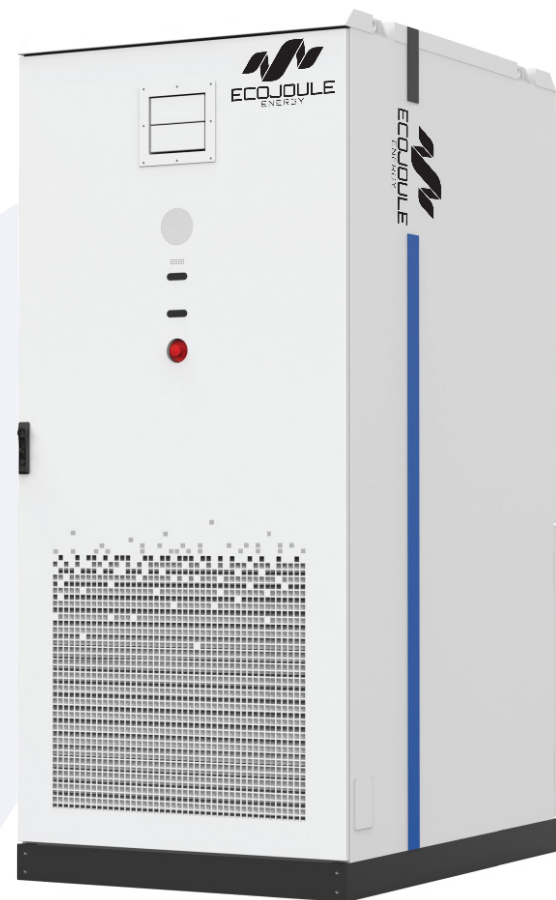


ECOSTORE
TERRA

EJ-TERRA-125-261



Overseas model shown - in country model may be subject to change

Product Overview

EcoSTORE TERRA integrates long-life battery cells, a new BMS control method, high-performance PCS, an intelligent thermal management system, and an active fire protection system into a standardized outdoor cabinet. The design adopts a fully independent layout for electrical components and battery modules, enhancing the reliability of system thermal control and fire safety protection. This product can be applied in various scenarios, including peak shaving and valley filling, renewable energy integration, dynamic capacity expansion, and low-voltage grid support.



High-efficiency liquid cooling technology,
battery temperature difference < 5°C;



Integrated design, fully assembled for
transportation, plug-and-play



Intelligent monitoring system, integrating
BMS and EMS for smarter and safer
management



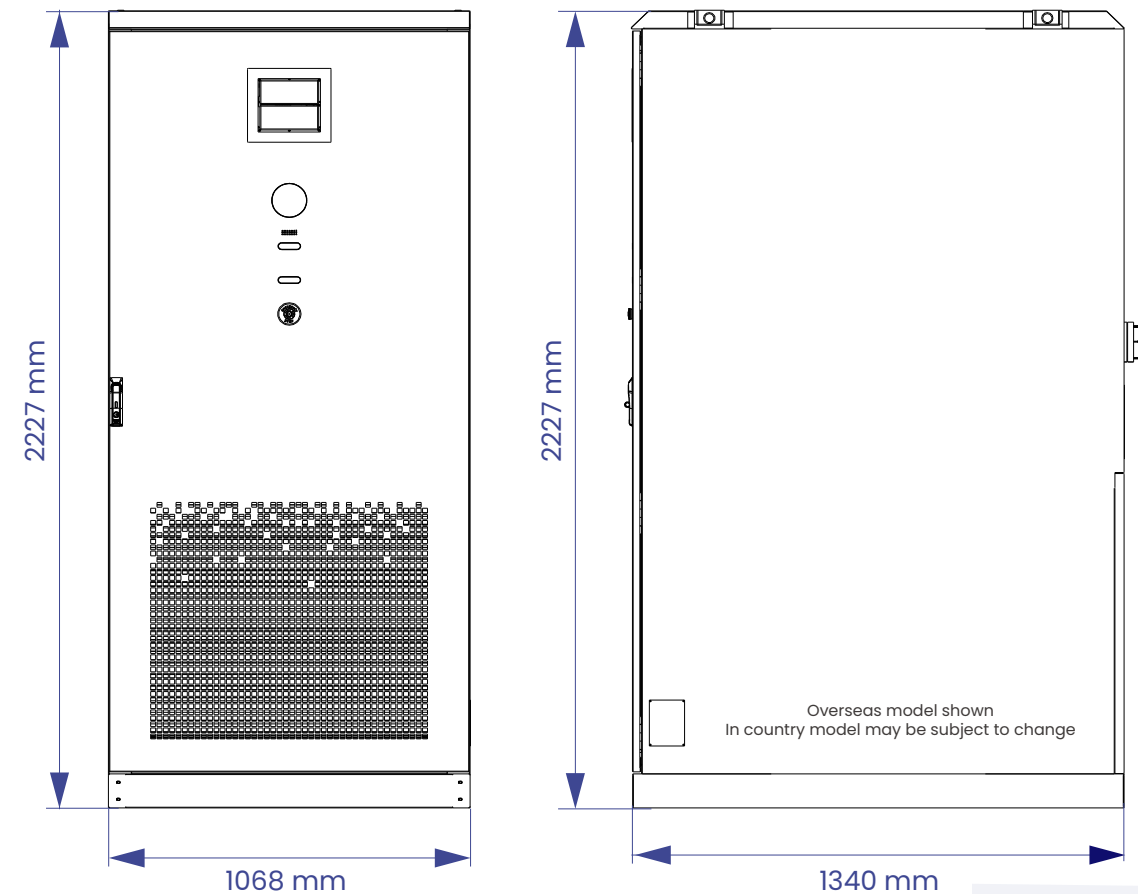
Built-in independent fire protection
system

Model	EJ-TERRA-125-261
AC Side On-Grid	
Rated Voltage	400 Vac
Rated Current	180 A
Rated Power	125 kW
Wiring Method	3 Phase 4 Wire
AC Voltage Range	340 ~ 440 Vac
Max Output Current	216 A
Max Output Power	150 kW
Rated Grid Frequency	50 / 60 Hz ± 2.5 Hz
Power Factor	0.99
Power Factor Range	1 (Lagging) ~ 1 (Leading)
Total Harmonic Distortion	≤3% at Full Load
Overload Capability	1.1x for 10 minutes, 1.2x for 1 minute
AC Side Off-Grid	
Rated Output Voltage	400 Vac
Rated Current	180 A
Rated Output Power	125 kVA
Max Output Current	216 A
Max Output Power	150 kW
Rated Frequency	50 Hz / 60Hz ± 2.5 Hz
Total Harmonic Distortion	≤3% at Full Load
On/Off Grid Switch Type	Manual
DC (Battery)	
Battery Voltage Range	702 ~ 936 Vdc
Rated Capacity	261.24 kWh
Max Charge Power	125 kW
Max Discharge Power	150 kW
Charge Current	157 A
Max Discharge Current	216 A
Protection Features	
AC Protect	Over-voltage protection, under-voltage protection, over-frequency protection, under-frequency protection, anti-islanding protection, AC short-circuit protection, AC surge protection, and AC circuit breaker protection
DC Protect	BMS protection, over-/under-voltage protection, overcurrent and short-circuit protection, insulation/leakage monitoring, DC surge protection, fuse and isolation protection, battery over-temperature protection, fire protection, emergency shutdown, and electrical interlocking protection

Model	EJ-TERRA-125-261
General Specifications	
Noise	~75 dB(A) at 1m @ 100% Load
Operating Temperature	-20° to +45°C
Storage Temperature	-30° to +55°C
Cooling	Liquid Cooling (Battery) + Air Cooling (PCS)
Relative Humidity	0 ~ 95% Non Condensing
Maximum Altitude	0 ~ 2,000m
Dimensions	1068mm (W) × 1340mm (D) × 2227mm (H)
Mass	~2600kg
Efficiency	87%
Standby Loss	2.5 kW
Battery Cycle Life	≥6,000
Protection Grade	C4 / IP54
Fire Protection	Battery Compartment Aerosol Fire Suppression System (Includes: 1 smoke detector, 1 temperature sensor, and 1 audible & visual alarm)
Communication	
HMI	Touchscreen HMI
External Communication	1 x RS485 + 1 Ethernet port + 1 LAN port
Meter Communication Distance	≤80 m (Shielded twisted pair cable)
Customer Communication Distance	≤80 m (Ethernet cable)



Product Dimensions



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