

C&I ENERGY STORAGE SYSTEM

E-MATE 261-L

Liquid Cooling 125kW-261kWh

UN38.3 MSDS IEC



Hybrid Inverter

Battery Cabinet

Hybrid Inverter + Battery Cabinet

Features



1000V system,
large capacity per unit



52.25kwh Modular Design Liquid
Cooling Battery



Intelligent Ems, Remote Monitoring
and Fault Diagnose



Multi - Level Protection and Alarm
(Gas, Water, Ventilation)

Scenarios



Mall and medium-sized industrial
And commercial enterprises

Factories, workshops,
commercial Complexes and office buildings



Outdoor sites

Communication base stations and signal towers,
Meteorological and environmental monitoring stations,
Outdoor construction and temporary camps



Remote areas

Islands and mountainous villages,
Border guard posts and field workstations



Special emergencies

Emergency disaster relief and rescue,
Large-scale events and sports event support

DATASHEET

Model		E-MATE 261-L
Battery Parameters		
Cell technology	LFP-3.2 V / 314 Ah	
Battery pack (Wh/V)	52.25 kWh, 166.4 V	
Number of packs	5	
Battery pack protection level	IP67	
Rated capacity	261.25 kWh	
Rated voltage	832 V	
Rated current	157 A	
Voltage range	728 V ~ 936 V	
Charge / discharge rate	0.5 P	
Other Parameters		
Dimension (W×D×H)	1100×1424×2350 mm	
	43.31×56.06×92.52 inch	
Weight	2300 kg	
IP Rating	IP55	
Anti Corrosion Level	C4M	
Altitude	≤4000m (>2000mDerating)	
Display	LCD Display (battery operating status, SOC, alerts, etc)	
Communication	CAN/RS485	
Application	ON Grid/ON Grid+Backup/OFF grid	
Compatible inverters	Compatible inverters	
Battery Cabinet — Hybrid Inverter Cable Specs	1/0AWG (Copper Core Power Cable)	
Cooling method	Liquid cooling	
FFS	Aerosol + combustible gas detection and exhaust	
Cycle life	8000 cylces (25±2°C,0.5P/0.5P, 70% SOH)	
Standard Compliance		
Compliance	UL9540A (system level) / PGS 37-1 / UN38.3 / IEC62619 / IEC61000 / EN18031-1	

SYSTEM DIAGRAM

