

C&I ENERGY STORAGE SYSTEM

E-MATE 128-A (Air Cooling)

80.3 ~ 128.6kWh



Features



Scalable Capacity Up to 257 Kwh



High - Safety Lfp System With Multi-Level Bms



Zero - Maintenance Air Cooling



Intelligent Cloud Monitoring & Control



Industrial - Grade Ip54 Enclosure



Rapid Plug - and-Play Deployment

DATASHEET

Model		E-MATE 128-A
Battery Parameters		
Cell technology	LFP-3.2 V / 314 Ah	
Battery pack	16.0768 kWh, 51.2 V	
Number of packs	5~8	
Rated capacity	80.3~128.6 kWh	
Rated voltage	256~409.6V	
Rated current	157 A	
Voltage range	224 V ~ 460.8 V	
Charge / discharge rate	0.5P	
Other Parameters		
Dimension (W×D×H)	740×1040×2330 mm	
	29.1x40.9x91.7 inch	
Weight	1220 kg (2689.6 lbs)	
Operating temperature	-20°C~+50°C (-22°F~+ 131°F) (Derating below -15°C or above 45°C)	
Relative humidity	0 ~ 95% (No condensation)	
Maximum working altitude	≤4000 m(> 2000m Derating)	
Noise	≤75dB	
IP Rating	IP55	
Cooling method	Forced air cooling	
FSS	Aerosol: module-level + stack-level, water firefighting, combustible gas detection and exhaust	
Communication	CAN / RS485 / TCP	
Cycle life	8000 cycles (25±2°C, 0.5P / 0.5P, 70% SOH)	
Standard Compliance		
Compliance	UN38.3 / UN3480 / IEC62619 / IEC6100-6-2 / IEC62477-1 / CQC (More available upon request)	

SYSTEM DIAGRAM

