

C&I ENERGY STORAGE SYSTEM

E-MATE 200-233-L (Liquid Cooling)

200kW/233kWh



Battery + PCS on grid storage system



0.85C Charge rate



Used in on grid storage / PV AC couple system



Multi-Level protection and alarm (gas, water, ventilation)



Supports 10 in parallel in AC side



Intelligent EMS, remote monitoring and fault diagnose

DATASHEET

Model		E-MATE 200-233-L
System Parameters		
System rated power		200 kW
Battery pack protection level		IP67
Rated capacity		232.96 kWh
Charge / discharge rate		1P
AC Side Parameters (optional)		
Rated power		200 kW
Rated voltage		400 V $\pm$ 15%
Rated frequency		50Hz / 60Hz
Rated output current		334 A
Power factor		-1 ~ 1
Charge/discharge switching time		< 100ms
PCS maximum efficiency		98.5%
Overload capacity		110% (long-term), 120% (1 min)
Other Parameters		
Dimension (W×D×H)		1100×1424×2350 mm
		43.31×56.06×92.52 inch
Weight		2500 kg (5511.56 lbs)
IP Rating		IP55
Cooling method		Liquid cooling
FSS		Aerosol + combustible gas detection and exhaust
Standard Compliance		
Compliance		UN38.3 / EN 62477-1 / EN IEC 61000-6-2 / EN IEC 61000-6-4 / IEC62619

SYSTEM DIAGRAM

