



E-Mate-C Outdoor

E-MATE 200C

Features

- Overview: Outdoor battery cabinet with IP55 protection level, inbuilt lithium-ion battery and BMS.
- Easy Installation and Maintenance: Local and remote management, standard rack & module design, front maintenance.
- Safe & Reliable: Self-developed 2-level / 3-level BMS, multiple protection, safe and reliable.
- High Density : High capacity LFP battery.
- Long Lifespan: Long cycle life, 6000 cycles.
- Cell Balancing Technology: Advanced cell balancing.

MODEL	E-MATE 200C
PERFORMANCE	
Battery module (Wh/V)	14.336 kWh, 51.2 V, 110 kg (242.5 lbs)
Number of modules	14
Cell technology	LFP(LFeFO4)
Battery usable energy [1]	200.704kWh
Nominal voltage	716.8V
Operating voltage	627.2-786.24V
Nominal output current	140 A / 280 A
COMMUNICATION	
Display	SOC status indicator, LED indicator, LCD display
Communication	Ethernet/CAN / RS485
GENERAL SPECIFICATION	
Dimension (W*D*H)	1500×1050×2200 mm
	59.1×41.3×86.6 inch
Weight	1900 kg (4188.8 lbs)
Operating temperature [2]	-20 to 60°C (-4 to 140°F)
Environmental humidity	≤ 95%RH (No condensation)
Protection rating	IP 55
Cycle life [3]	6000 Cycles or ten (10) years @ 80% DOD / 25 °C / 0.5C, 60% EOL
Scalability	Yes
Application	ON Grid / ON Grid + Backup / OFF grid
Compatible inverters	Refer to compatible PCS list
STANDARD COMPLIANCE	
	Cell: UN38.3 / IEC62619 / UL 1642 / JET
	Pack: UN38.3 / IEC62619 / IEC61000

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25 °C

[2] Charge/discharge derating occurs when the operating temperature from -10 °C to 5 °C & 45V to 55 °C.

[3] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.