



CM2 Smart C&I All-in-One BESS

CM2 is an energy storage system designed based on the All-in-One concept, integrating components such as battery packs, PCS, BMS, EMS, temperature control systems, fire protection systems, electricity distribution systems, and monitoring systems. Through the built-in intelligent EMS system, it supports various scheduling strategies, including maximum self-consumption, TOU, and VPP. The CM2 system is highly integrated, and can be widely used in C&I energy storage scenarios.





E2E SecFort

- 5-layer defense architecture safeguarding C&I energy storage systems
- EI-60 cabinet: extreme-resistant insulation shields critical systems

All-in-One Space-efficiency Redefined

- · Mission-critical power hub: 5-in-1 PCS with IP65 defense
- · Container-grade energy density, compact C&I size

Omni-dimensional Value Engine

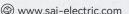
- Al profit engine: smart-EMS, spot market-linked, multi-mode strategies with 10%+ revenue
- Lifecycle performance management: 90%+ RTE, 8,000-cycle & Al thermal control compound your ROI
- Distributed architecture: 99.9% uptime with fault-tolerant clusters

CM2-99.9K-261 | CM2-125K-261









Better Planeter Cell Type LFP 3.2W 31 AA System Configuration 2405 FP Rated Energy (Wh) 261 Rated Energy (Wh) 832 Wottage Range (V) 728-936 Number of Battery Packs 5 Output of Discharge (X) 0-100 Charge Discharge (X) 0-5 Battery Fack Protection Level 1067 Battery Fack Protection Level 107 Battery Fack Protection Level 1087 Battery Fack Protection Level 109.9 Max. Charge/Discharge Power (RW) 9.9 137.5 Rate (Av) (La) 151.7 (A9380V, 144.8)400V 10.1 Lev (LA) 30.00 (A) (A) (A) (A) (A) (A) Rate (Av) (La) (La) (A) (A) (A) (A) (A) (A) (A) (A) (MODEL	CM2-99.9K-261	CM2-125K-261
System Configuration 24651FP Rated Energy (WhY) 261 Rated Energy (WhY) 832 Voltage Range (V) 728-346 Voltage Range (V) 728-346 Unitage Place (Park) 5 Depth of Discharge (Ng) 0-100 Charge Place (Large (Park)) 10-2 Battery Pack Protection Level 19-7 Battery Golf Cycles 48000970/FC Battery Colf Cycles 48000970/FC Max. Charge/Discharge Power (LW) 90.9 125 Max. Charge/Discharge Power (LW) 90.9 137.5 Max. Charge/Discharge Current (A) 151.7A(9380V, 144A(9400V) 2009.7A(9380V, 198.5A(940V) Low (LAT) 10 1 Rated A Cybrage (VAC) 380.0400, 31-N+PE Coll Harmoric Disortion (THD) 3 3 Coll Harmoric Disortion (THD) 3 3 Topology Non-isolated 3 <	Battery Parameter		
Rated Energy [k/h] 261 Rated Battery Voltage [V] 832 Voltage Range [V] 728-936 Number of Battery Packs 5 Depth of Datcharge [N] 0-100 Change/Discharge Rate [C] 0.5 Battery Pack Protection Level IP67 Battery Cell Cycles ≥800000970% EOL AC Parameters Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Power [kW] 99.9 10.1 loc [k] 410,1s 1 loc [k] 420,1s 1 Rated Ac Voltage [V AC] 38004400,3t *N*PE	Cell Type	LFP 3.2V/314Ah	
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Voltage Range [V] 728-936 Number of Battery Packs 5 Depth of Discharge [K] 0-100 Charge/Discharge Rate [C] 0.5 Battery Pack Protection Level 1P67 Battery Cell (Cycles ≈8000@970x EC AC Parameters Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Discharge Power [kW] 99.9 10.2<	Rated Energy [kWh]	261	
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Depth of Discharge (%) 0-100 Charge/Discharge Rate [C] 0.5 Battery Pack Protection Level 1P67 Battery Pack Protection Level 1P67 Battery Pack Protection Level 1P67 Act Parameters Total Parameters Max: Charge/Discharge Power [kW] 99.9 125 Max: Charge/Discharge Power [kW] 99.9 137.5 Max: Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V low [kA] 110,1s 4 low [kA] 110,1s 4 Retad AC Voltage [V AC] 380/400.3 ±HN+PE 4 Rated Frequency [Hz] 50 9 Power Factor [cos @] 3.09.9 4 Adjustable Power Factor Range 0:-1 - 0:	Voltage Range [V]	728-936	
Charge/Discharge Rate (C) 0.5 Battery Pack Protection Level iP67 Battery Cell Cycles ≥8000@70% EOL AC Parameters Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V Icw [kA] <10	Number of Battery Packs	5	
Battery Pack Protection Level IP67 Battery Cell Cycles \$8000@70% EOL AC Parameters Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.7A@380V, 198.5A@400V Loc [kA] <10 11 Rated AC Voltage [V AC] 380400, 3L-N-PE Rated Frequency [Hz] 50 Power Factor [cos o] > 0.99 Adjustable Power Factor Range 0 - 1 - 0c Total Harmonic Distortion [THDi] < 3% General Parameters Topology Non-isolated Ingress Protection Class IP54 (Cabinet); IP65 (PCS) Cooling Type Liquid cooling (Battery); air forced (PCS) Corrosion Protection Level C4 Communication Wi-Fi/Ethernet/RS485 Operating Temperature Range [°C] -25°C to +55°C Relative Humidity [°k] 0-95, non-condensing Maximum Operating Altitude [m] 2000 Fire Protection Battery pack-l	Depth of Discharge [%]	0-100	
### Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V low [kA] <10, 1s	Charge/Discharge Rate [C]	0.5	
AC Parameters Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V low [kA] <10.1s	Battery Pack Protection Level	IP67	
Rated Charge/Discharge Power [kW] 99.9 125 Max. Charge/Discharge Power [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V low [kA] <10, 1s 10.1 s loc [kA] <10 11.2 s Rated AC Voltage [VAC] 380/400, 3L+N+PE 380/400, 3L+N+PE Rated Frequency [Hz] 50 90.99 Adjustable Power Factor Range 01-1-0c 10.2 s Total Harmonic Distortion [THDi] <3% 10.2 s General Parameters Topology Non-isolated Ingress Protection Class IP54 (Cabinet); IP65 (PCS) Coling Type Liquid cooling (Battery); air forced (PCS) Corrosion Protection Level C4 Communication Wi-Fi/Ethermet/RS485 Operating Temperature Range [*C] -25°C to +55°C Relative Humidity [%] 0-95, non-condensing Maximum Operating Altitude [m] 2000 Fire Protection Battery pack-level and cabinet-level aerosols Dimension [H*W*D] [mm] 2325°1030*1400 <	Battery Cell Cycles	≥8000@70% EOL	
Max. Charge/Discharge Rower [kW] 99.9 137.5 Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V lcw [kA] <10, 1s lcc [kA] <10 Rated AC Voltage [VAC] 380/400, 3L+N+PE Rated Frequency [Hz] 50 Power Factor [cos ф] > 0.99 Adjustable Power Factor Range 0i - 1 - 0c Total Harmonic Distortion [THD] <3% Secretal Parameters Topology Non-isolated Ingress Protection Class IP54 (Cabinet); IP65 (PCs) Colling Type Liquid cooling (Battery); air forced (PCS) Corrosion Protection Level C4 Communication Wi-Fi/Ethernet/Rs485 Operating Temperature Range [*C] -25°C to +55°C Relative Humidity [%] 0-95, non-condensing Maximum Operating Altitude [m] 2000 Fire Protection Battery pack-level and cabinet-level aerosols Dimension [H*W*0] [mm] 2325*1030*1400 Weight [kg] 660 Warranty [Year] 10 Gelevati	AC Parameters		
Max. Charge/Discharge Current [A] 151.7A@380V, 144A@400V 208.9A@380V, 198.5A@400V loc [kA] <10	Rated Charge/Discharge Power [kW]	99.9	125
cc [kA]	Max. Charge/Discharge Power [kW]	99.9	137.5
Icc [kA] <10	Max. Charge/Discharge Current [A]	151.7A@380V, 144A@400V	208.9A@380V, 198.5A@400V
Rated AC Voltage [VAC] 380/400, 3L*N*PE Rated Frequency [Hz] 50 Power Factor [cos ф] > 0.99 Adjustable Power Factor Range 0i - 1 - 0c Total Harmonic Distortion [THDi] < 3%	Icw [kA]	<10, 1s	
Rated Frequency [Hz] 50 Power Factor [cos φ] > 0.99 Adjustable Power Factor Range 01-1-0c Total Harmonic Distortion [THDI] < 3%	Icc [kA]	<10	
Power Factor [cos φ] > 0.99 Adjustable Power Factor Range 0i - 1 - 0c Total Harmonic Distortion [THDi] < 3%	Rated AC Voltage [V AC]	380/400, 3L+N+PE	
Adjustable Power Factor Range0i - 1 - 0cTotal Harmonic Distortion [THDI]< 3%General ParametersTopologyNon-isolatedIngress Protection ClassIP54 (Cabinet); IP65 (PCS)Cooling TypeLiquid cooling (Battery); air forced (PCS)Corrosion Protection LevelC4CommunicationWi-Fi/Ethernet/RS485Operating Temperature Range [°C]-25°C to +55°CRelative Humidity [%]0-95, non-condensingMaximum Operating Altitude [m]2000Fire ProtectionBattery pack-level and cabinet-level aerosolsDimension [H*W*D] [mm]2325*1030*1400Weight [kg]2600Warranty [Year]10Grid CodeCEI-021, CEI-016, EN50549-1, EN50549-2	Rated Frequency [Hz]	50	
Total Harmonic Distortion [THDi]			