

CM2 Smart C&I All-in-One BESS

Redefining with Innovative
Technology Safety, Efficiency,
and Profitability



Mission-critical power hub

5-in-1 PCS with IP65 defense

IP65

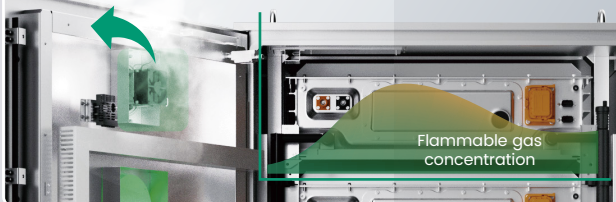
Multi-mode integrated intelligent scheduling

increasing revenue by
over **10%**



Active Defense

Gas Detector + Ventilation



Directional explosion venting

shockwaves
vertically diverted



EI-60 Fireproof Cabinet

Resists penetration by
1200°C flames, fire
resistance time 1-2
hours



VPP Support



AC coupling support



195kWh/m²



90%+ RTE



Cell level detection



Plug and play

MODEL	CM2-99.9K-261-EU		CM2-125K-261-EU	
Battery Parameter				
Battery Type [Ah]	LFP 314			
Battery Pack Capacity [kWh]	52.25			
Battery System Capacity [kWh]	261			
Rated Battery Voltage [V]	832			
Battery Pack Protection Level	IP67			
Charge\Discharge rate	0.5C			
Battery Cell Cycles	≥8000 cycles@70%EOL			
Battery Cooling Type	Liquid Cooling			
PCS Data				
Rated Outpput Power [kW]	99.9		125	
Max Output Power [kW]	99.9		137.5	
Max Current [A]	151.7A@380V 144A@400V		208.9A@380V 198.5A@400V	
Nominal Voltage [Vac]	380/400,3L/N/PE			
Power Factor	> 0.99			
Adjustable Power Factor Range	1.0~1.0			
THDi	< 3%			
Nominal Frequency [Hz]	50			
PCS Protection Level	IP65			
PCS Cooling Type	Smart Air Cooling			
System Parameter				
Round Trip Efficiency [%]	90%+ @0.25C,88%+@0.5C			
DoD[%]	0 ~ 100%			
Cabinet Protection Level	IP54			
Topology	Non-isolated			
Communication	WiFi/Ethernet/RS485			
Altitude [m]	2000			
Operation Humindity [%]	0~95%,non-condensing			
Operation Temperature [°C]	-25~+60			
Fire Protection	Pack Level Aerosol+Cabinet Aersol			
Demension [W*D*H][mm]	1030*1300*2250			
Corrosion Protection Level	C4			
Weight [kg]	< 2600			
Grid Code	CEI-021/CEI-016/EN50549-1/EN50549-2			
Safety/EMC	IEC 62619/IEC 62477-1/IEC 61000-6-2,4/UN 38.3			