



CYCLONETM series

Smart C&I
All-in-One BESS

Redefining with innovative Technology Safety,
Efficiency, and Profitability

125k-261



**Mission-critical power hub
5-in-1 PCS with IP65 defense**

IP65

**Multi-mode integrated
intelligent scheduling
increasing revenue by
over 10%**

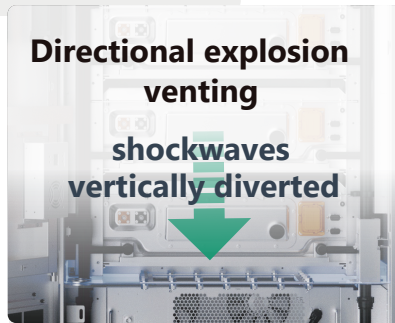


**Active Defense
Gas Detector + Ventilation**



**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

Technical Specifications:

MODEL	125K-261
Battery Parameter	
Battery Type [Ah]	LFP 314
Battery Pack Capacity [kWh]	52.25
Battery System Max Capacity (kWh)	297
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 Output Power [kW]	125
Max Output Power [kW]	137.5
Max Current [A]	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 Humidity [%]	0~95%,non-condensing
Operation Temperature [C]	-25~+60
Fire Protection	Pack Level Aerosol+Cabinet Aerosol
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

S10-CM2