

SunStorage PRO

STE-261L-125P

All-in-One Design

Storage System for
C&I Scenario



Compact

1.4m² footprint only, easy transportation & fast installation.



High Integration

261kWh energy in one cabinet with remarkable endurance.



Efficient Cooling

Optimized in-pack duct design achieves high-efficiency cooling and low energy consumption.



Long Cycle Life

Over 8,000 times cycle life, excellent performance of battery system.



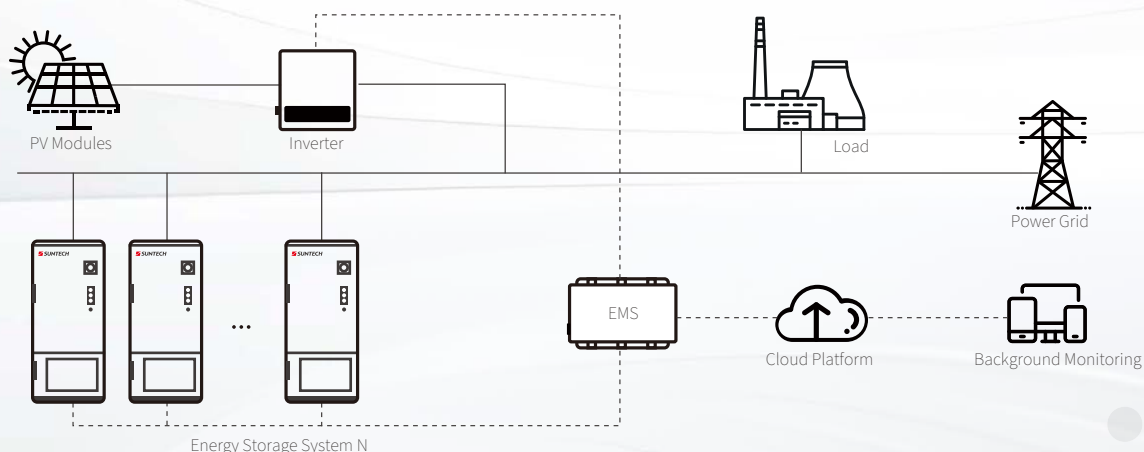
Flexible Expansion

Modular design, simplified parallel expansion.



Ultimate Safety

In-pack fire warning and aerosol protection prevent heat diffusion and thermal runaway.



Model		STE-261L-125P
DC Side		
Cell Type		LFP/314Ah
Pack Connection		1P52S
Pack Capacity(kWh)		52.248
Battery System Connection		1P260S
Battery System Capacity(kWh)		261.24
Rated System Voltage(V)		832
Operating Voltage Range(V)		728~936
Pack Ingress Rating		IP65
Charge Working Temperature(°C)		0~55
Discharge Working Temperature(°C)		-25~55
Cooling System		Smart Liquid Cooling
Charge Rate		0.5P
AC Side		
DC Input Voltage(V)		680~950
Maximum DC Input Current(A)		203
Grid Power Factor		0.99
Rated Power(kW)		125
Max. Power(kW)		137
THDi		≤3%
DC Ratio		<0.5%LPN
Nominal Voltage(V)		400Vac/3P+N+PE
Power Factor		0.98 lagging~0.98 leading
Nominal Frequency(Hz)		50/60
General Data		
Efficiency		≥89%
Charge/Discharge Rate		0.5P
DOD		95%(25±2°C)
SOC Accuracy		<3%
Cycle Life		≥8000 cycles
Connectivity		Ethernet/RS485
Ingress Rating		IP55
Operating Temperature(°C)		-25~55
Cooling System		Active liquid cooling
Humidity		5~95%RH, non-condensing
Noise(dB)		≤75
Altitude(m)		≤2000(derating above 2000)
Fire Safety		Aerosol
Dimensions(W×D×H mm)		1050×1350×2400
Weight(kg)		About 2620
Compliance		UN38.3, IEC62477, IEC61000, IEC62619, IEC63056, UL9540A, EN50549