

SunStorage

STE-STC-C125-2/4/6IN

Seamless Transfer

STS Cabinet for
C&I Scenario



Intelligent Collaboration

Seamless on/off-grid switching within 20ms.



Reliable

Leading brands selection of all equipment, safe and reliable.



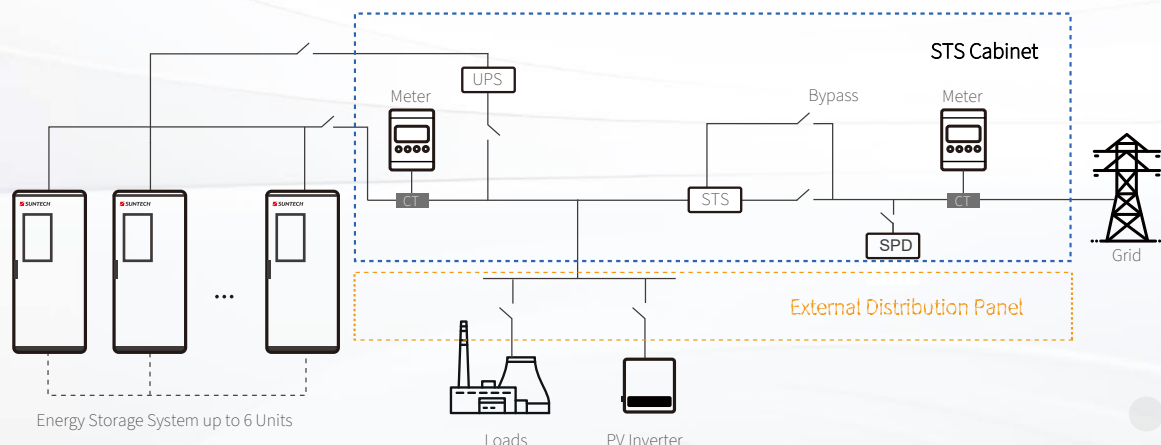
High Integration

Integrate STS, UPS, meter, breakers, ATS (optional) and other accessories in one system, compact and easy transportation.



Electrical Safety

Backup design and assurance of critical loads without interruption.



*Note: Distribution panel is not included in STS cabinet

Model	STE-STS-C125-2IN	STE-STS-C125-4IN	STE-STS-C125-6IN
ESS Side			
Max. No. of ESS Connection	2 units	4 units	6 units
Max. ESS Current(A)	2*250	4*250	6*250
Rated ESS Power(kW)	2*125	4*125	6*125
Grid Side			
No. of Grid Connection Port	1		
Max. Grid Current(A)	500	800	1600
Grid Voltage Range(V)	400±15%		
Grid Type	3W+N+PE		
Rated Frequency(Hz)	50/60		
On/off-grid Switching Time(ms)	20		
PV Input Requirements			
Max. PV&Loads Port Current(A)	250	630	800
Recommended Max. PV Power(kW)	170	430	550
Recommended Max. Load Power*	70% x ESS Power		
Auxiliary Equipments			
UPS	Standard		
Maintenance Socket	Standard, 16A		
Surge Protection	AC Type II		
Meter Accuracy	0.5S		
ATS	Optional		
General Data			
Dimension(W×D×H mm)	800×1200×1800	1000×1200×1800	1200×1200×2200
Altitude(m)	3000		
Ambient Temperature(°C)	-15~45		
Humidity	0~95%RH (non-condensing)		
Cooling Method	Air cooling		
IP Rating	IP54		
Communication	RS485, Modbus TCP/IP		

*Note:The value indicated herein is a recommended reference based on PF=0.7,When the load involves motors or other types of impact loads,it is recommended to equip the system with a soft starter.Please contact Suntech for further technical support prior to order placement.