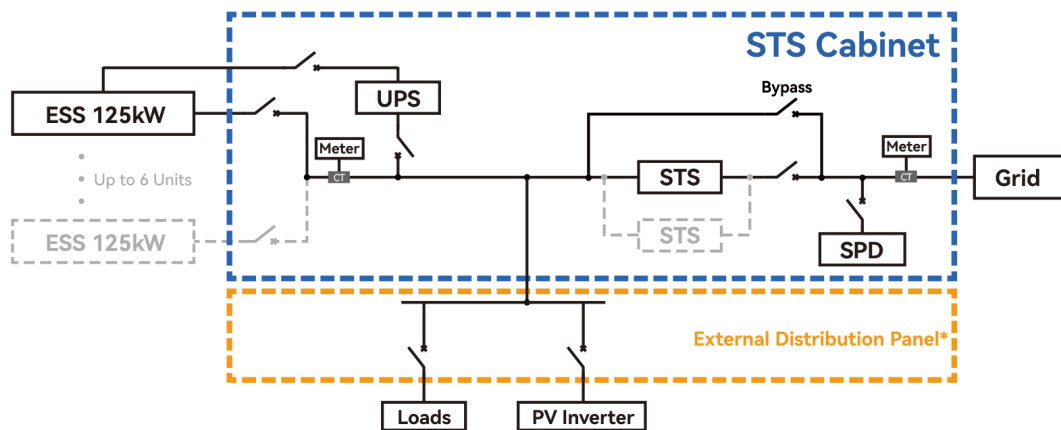


STS Cabinet

HEX-ST5125-2IN
HEX-ST5125-4IN
HEX-ST5125-6IN



*Note: Distribution panel is not included in STS cabinet.



HEX-ST5125-2/4/6IN

a seamless on/off-grid switching cabinet designed for the 125kW rated power Elcenova all-in-one ESS cabinet within 20ms switching time. It enables on/off-grid switching for single or multiple parallel-connected application. Equipped with reserved ports for PV inverter power and critical loads connection, allowing for the normal operation of PV system and loads in grid outage condition.



Reliable

Leading brands selection of all equipments, safe and reliable.



Highly Integration

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



Intelligent collaboration

Seamless on/off-grid switching within 20ms



Electrical Safety

Backup design and assurance of critical loads without interruption.

Model	HEX-ST5125-2IN	HEX-ST5125-4IN	HEX-ST5125-6IN
Battery Side			
Max. No. of ESS Connection	2 units	4 units	6 units
Max. ESS Current	2×250A	4×250A	6×250A
Rated ESS Power	2×125kW	4×125kW	6×125kW
Grid Side			
No. of Grid Connection Port		1	
Max. Grid Current	500A	800A	1600A
Grid Voltage Range		400V±15%	
Grid Type		3W+N+PE	
Rated Frequency		50/60Hz	
On/O-Grid Switching Time		20ms	
Backup Side			
Max. PV Loads Port Current	250A	630A	800A
Recommended Max. PV Power	170kW	430kW	550kW
Recommended Max. Backup Load Power*		70% × ESS Power	
General			
UPS		Standard	
Maintenance Socket		Standard, 16A	
Surge Protection		AC Type II	
Meter Accuracy		0.5S	
ATS		Optional	
Dimensions (W×D×H)	800×1200×1800mm	1000×1200×1800mm	1200×1200×2200mm
Altitude		3000m	
Operating Temperature		-15°C~45°C	
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 Hexon for further technical support prior to order placement.