

CPS ES-125kW/261kWh-US Preliminary

C&I Turnkey Solution



CHINT
POWER



Key Features

- All-in-one design with higher energy density reduces footprint by 20%.
- Intelligent cell monitoring with multi-level electrical protection in the system.
- High charge and discharge capacity over its lifecycle.
- Localized streamlined maintenance with factory pre-installation and testing, reducing on-site workload.
- Pack-level firefighting design, multiple electrical interlocking measures, and rapid fault protection.
- Features a long battery cycle life, and high system efficiency.

Model Name	CPS ES-125kW/261kWh-US
DC Parameter	
Battery Capacity	261kWh
Battery Cell	1P52S
Pack Configuration	1P260S
Rate Voltage	832V
Operating Voltage Range	728V~936V
AC Parameter	
Rated AC Output Power	125kW
Rated Output Voltage	480V, 3P3W
Nominal Grid Frequency	60Hz
Grid Frequency Range	55Hz~65Hz
Adjustable Reactive Power	-1~+1
AC Current THD	<3%
DC Current Injection	<0.5%
System Parameter	
Dimensions (WxHxD)	1003mm*2415mm*1402mm
Weight	≤3T
Enclosure Protection Degree	IP54
Cooling Method	PCS: Air Cooling, Batteries :Liquid Cooling
Operating Temperature Range	-25°C ~55°C
Operating Humidity	0~95%
Operating Altitude	≤3000m(derating from 2000m)
Display and Communication	
Communication	Ethernet/CAN/RS485
communication protocol	Modbus-TCP/RTU
Safety	
Certifications and Standards	PCS : UL1741-SA/SB Ed.3,CSA-22.2 NO.107.1-16,IEEE1547,FCC; Battery: UL1973,UL9540A