

CPS ES-125kW/261kWh

C&I Turnkey Solution



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.
- System RTE $\geq 90\%$, 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.
- Localized streamlined maintenance with factory pre-installation and testing, reducing on-site workload.
- features a long battery cycle life, and high system efficiency.

Model Name	CPS ES-125kW/261kWh
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	400V, 3P3W/4W
Nominal Grid Frequency	50Hz
Grid Frequency Range	45Hz~55Hz
Adjustable Reactive Power	-1~+1
AC Current THD	<3%
DC Current Injection	<0.5%
System Parameter	
Efficiency	$\geq 90\%$
Dimensions (WxHxD)	1000mm*1400mm*2400mm
Weight	$\leq 3T$
Enclosure Protection Degree	IP55
Cooling Method	PCS: Air Cooling, Batteries :Liquid Cooling
Operating Temperature Range	-25°C ~55°C
Operating Humidity	0~100%
Operating Altitude	$\leq 3000m$ (derating from 2000m)
Display and Communication	
Communication	Ethernet/CAN/RS485
communication protocol	Modbus-TCP/RTU
Safety	
Certifications and Standards	GB/T34131, GB/T34120, GB/T34133,IEC62619,IEC63056,IEC62477,IEC61000,UL9540A,UL1973