



CPS ES-125kW/261kWh-EU

C&I Turnkey Solution



Key Features

- All-in-one design with higher energy density and a 30% reduction in footprint
- Multi-layer safety protection with upward relief design for a high safety level
- Supports multi-unit parallel connection to adapt to various application scenarios with strong scalability
- Wide environmental adaptability and high reliability.
- Factory pre-installation and testing streamline field maintenance, reducing on-site workload

CPS ES-125kW/261kWh-EU



Model	CPS ES-125kW/261kWh
DC Side	
Rack Battery Capacity	261kWh
Battery Cell Type	LFP 314Ah
Rack Rated Voltage	832V
Rack Voltage Range	728V-936V
Alternating Current (AC) Side Parameters	
Grid Type	3P4W
Rated Grid Voltage	400
Grid Voltage Range	340-460V
Rated Output Power	125kW
Rated Output Current	180 A @ 400 VAC
Maximum Output Power	138 kW
Maximum Output Current	200 A @ 400 VAC
Grid Voltage Range	-15% ~ 15%
Rated Grid Frequency	50/60Hz
Total Current Waveform Distortion Rate	<2% (Linear load, Rated Power)
System Parameters	
Dimensions (Length X Width X Height)	1000*1370*2415mm
Weight	2535kg ±100kg
Operating Temperature Range	-25°C -55°C (>45°C derating)
Operating Humidity Range	0%-95% (No condensation)
Protection Level	Battery compartment IP55, equipment compartment IP54
Corrosion Protection Level	C3
Maximum Altitude	4000 (>2000m derating)
Cooling Method	PCS smart natural cooling, Pack liquid cooling
Surge Protection	Class II
Safety Configuration	Aerosol + temperature sensor + smoke sensor + combustible gas detection
Communication Protocol	MOUSBUS-TCP/RTU
Standard Certification	IEC61000-6-2/4, CE-EMC, CE-LVD, IEC 62477-1, IEC 62109-1/2, IEC 61727, IEC62116, UNE 217001, UNE 217002-A/B, EN50549-1/2/10 (Poland), VDE 4110, VDE4120, CEI-016, CEI-021, NTS631-A/B, NTS-SENP-A/B, IEC 62619, IEC 63056, IEC/EN 61000-2/4, IEC 62477-1, UN 38.3