

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

Model Name	CPS ES-125kW/261kWh-EU
DC Side	
Battery Cell Type	LFP 314Ah
Rack battery capacity	261kWh
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 ±50kg
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	MOUDBUS-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, UL9540A

* Product specifications and dimensions may be updated based on the latest information provided and are subject to change without prior notice.