

CPS ES-125kW/261kWh

Commercial and Industrial BESS



Key Features

- All-in-one design with higher energy density reduces the footprint by 20%.
- Intelligent cell monitoring with multi-level electrical protection throughout the system.
- System efficiency (RTE) $\geq 90\%$, high charge and discharge capacity throughout its lifecycle.
- Localized and simplified maintenance with pre-installation and factory testing, reducing the workload on-site workload.
- Module-level fire protection design, with multiple electrical interlock measures and rapid fault protection.
- Features long battery life and high system efficiency

Model	CPS ES -125kW/261kWh
DC Parameters	
Capacity	261 kWh
Battery Cell	1P52S, LFP 314Ah
Pack Configuration	1P260S
Nominal Voltage	832 V
Operating Voltage Range	728 V ~ 936 V
AC Parameters	
Nominal Output Power	125 kW
Nominal Output Voltage	400 V, 3-phase 4-wire
Nominal Grid Frequency	60 Hz
Mains Frequency Range	55 Hz~65 Hz
Adjustable Reactive Power	- 1~+1
THDi	<3 %
DC Current Injection	<0.5 %
System Parameters	
Efficiency	≥90%
Dimensions (WxHxD)	1000 mm × 1400 mm × 2400 mm
Weight	≤3 T
Protection Rating	IP55
Cooling	PCS: Air-cooled / Batteries: Liquid-cooled
Temperature Range	-25°C ~55°C
Relative Humidity	0~100%
Altitude	≤3000 m (derating from 2000 m)
Communication and Display	
Communication	Ethernet/CAN/RS485
Communication protocol	Modbus-TCP/RTU
Safety Certificates	
Standards	IEC 62619, IEC 63056, IEC 62477, IEC 61000, CE

