



BESSC&I

BATTERY SOLUTIONS FOR THE
COMMERCIAL AND INDUSTRIAL
SECTORS. CPS ES-125kW/261kWh-EU

Higher energy density

- All-in-one design that reduces the footprint by 20%
- System efficiency (RTE) $\geq 90\%$, high charge and discharge capacity
- Long battery life and high system efficiency

Advanced monitoring and protection

- Intelligent cell monitoring with multi-level electrical protection
- Localized and simplified maintenance with pre-installation and factory testing
- Significant reduction in on-site workload

Total protection against failures

- Fire-suppression design at the module level
- Multiple electrical interlock measures
- Rapid protection against system failures

Built to last

- Guaranteed long battery life
- High availability throughout the entire lifecycle
- Robust, high-quality components

Model Name	CPS ES-125kW/261kWh-EU
DC Parameters	
Capacity	261 kWh
Battery cell	1P52S
Pack Configuration	1P260S
Nominal voltage	832 V
Operating voltage range	728 V–936 V
AC Parameters	
Rated output power	125 kW
Rated output voltage	400 V, 3P3W/4W
Nominal Mains Frequency	50/60 Hz
Mains frequency range	45 Hz–55 Hz, 55 Hz–65 Hz
Adjustable reactive power	- 1~+1
THDi	<3%
DC current injection	<0.5%
System Parameters	
Dimensions (Width x Height x Length)	1000 mm × 1400 mm × 2400 mm
Weight	≤ 3 metric tons
Protection Rating	IP55
Cooling	PCS: Air-cooled, Batteries: Liquid-cooled
Temperature range	-25 °C to 55 °C
Relative humidity	0–100%
Altitude	≤3000 m (2000 m derating)
Display and Communication	
Communication	Ethernet/CAN/RS485
Communication protocol	Modbus-TCP/RTU
Certifications	
Standards	IEC 62619, IEC 63056, IEC 62477, IEC 61000, CE, LVD, RoHS, IEC 61727, IEC 62116