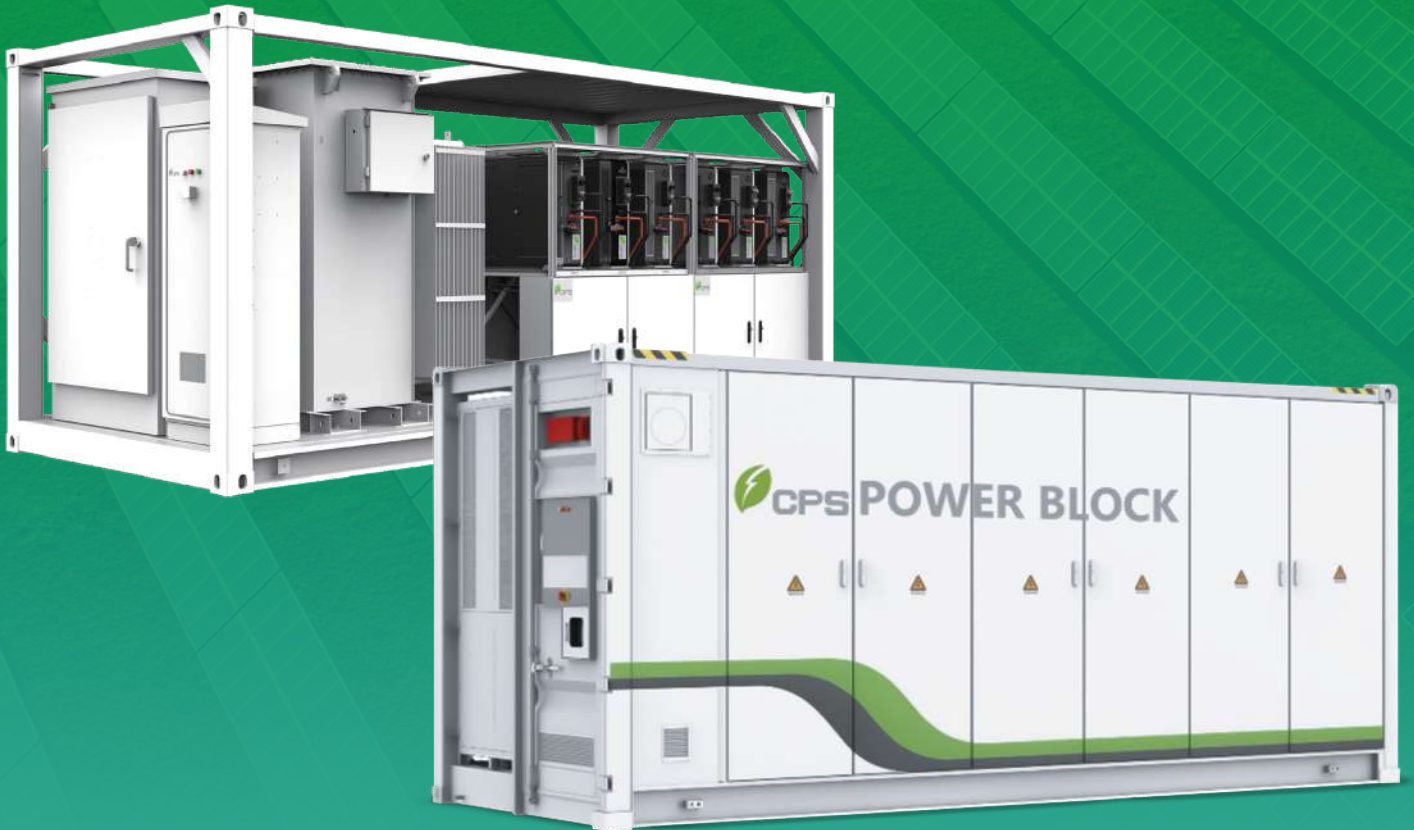


CPS ES-2.4MW/5MWh



High-Integration

- Integrated system solution without on-site installation and commissioning.
- 5MWh per 20ft container, high volume specific energy.



High safety

- Multiple electrical linkage measures, quick fault protection.
- Pack-level fire protection design, comprehensive prevention of fire is safer.



High efficiency

- Efficient liquid cooling temperature control system with lower Aux. consumption.
- 1500V three-level PCS to improve conversion efficiency.



Friendly

- Modular design, easily to expand capacity.
- Power grid fault crossing, active support power grid function.

CPS ES-2.4MW/ 5MWh



Model	CPS ES-2.4MW/5MWh
DC Side	
Rated voltage	1331,2Vdc
Battery voltage range	1164.8-1497.6Vdc
Nominal battery energy	5015.96kWh
AC side	
Rated AC output power	2400kW
Max. AC output power	2400kVA
Rated AC output voltage	12.47/13.2/13.8/14.4/22.9/24.0/24.9/34.5kVac
Max. AC output current	1740A
Rated output frequency	50Hz
Output frequency range*	-15%-10%
Power factor	-1--+1
THDi	<3%(at nominal power)
Environment parameter	
Protection grade	IP54
Cooling type	Battery: Liquid cooling PCS: Force air
Temperature	-25 - 50 °C
RH	0-95%, non-condensing
Altitude	≤ 2000 m
Display&Communication	
Display	Touch screen
Communication	RS485, Ethernet, IEC61850
Structure data	
Size (WxHxD) (mm)	Battery container: 6058x2896x2438 PCS container: 6058x2896x2438
Weight (T)	Battery container: 42 PCS container: 16
Safety certification	
Standard	UL9540, UL9540A, UL1973, IEC63056, IEC62477, UL1741

* "output voltage range", "Output frequency range" maybe varied depends on specific national grid standard.