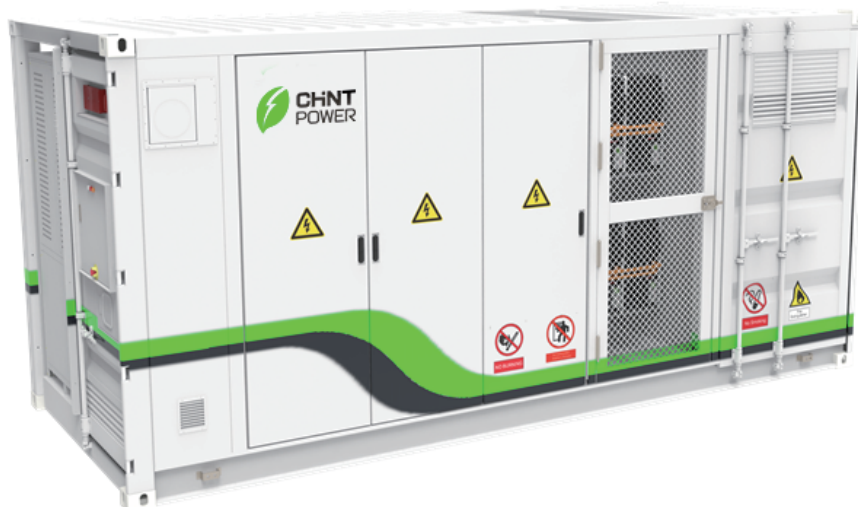


CPS ES-1.2MW/2.5MWh

All in one liquid cooling energy storage system



Key Features

- All in one design, without on-site installation and commissioning
- 6 battery racks, modular PCS, transformer and etc. are integrated in a 20ft container
- Rack-level management allows the racks to run independently, eliminating the mismatch between parallel racks
- Old and new batteries can be mixed
- Modular design, minimizing the impact of faults and O&M cost, easy to expand
- Intelligent liquid-cooling system, ensures longer battery cycle life

Model	CPS ES-1.2MW/2.5MWh
DC side	
Rated voltage	1331.2Vdc
Battery voltage range	1164.8~1497.6Vdc
Nominal battery energy	2508kWh
AC side	
Rated AC output power	1200kW
Max. AC output power	1200kVA
Rated AC output voltage	10kVac
Output voltage range*	-15%,+15%
Rated output frequency	50Hz
Output frequency range*	47~51.5Hz
Environmental parameter	
Protection grade	IP54
Cooling type	Battery: liquid cooling, PCS: Forced air cooling
Operation temperature	-25~50°C
Operation RH	0-95%, non-condensing
Altitude	≤2000 m
Display&Communication	
Display	Touch screen
Communication	RS485, Ethernet
Parameter	
Size (WxHxD) (mm)	6058x2896x2438
Weight (t)	29
Compliance	
Standard	UL1973/UL9540A/UL1741/IEC62477/IEC62619

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