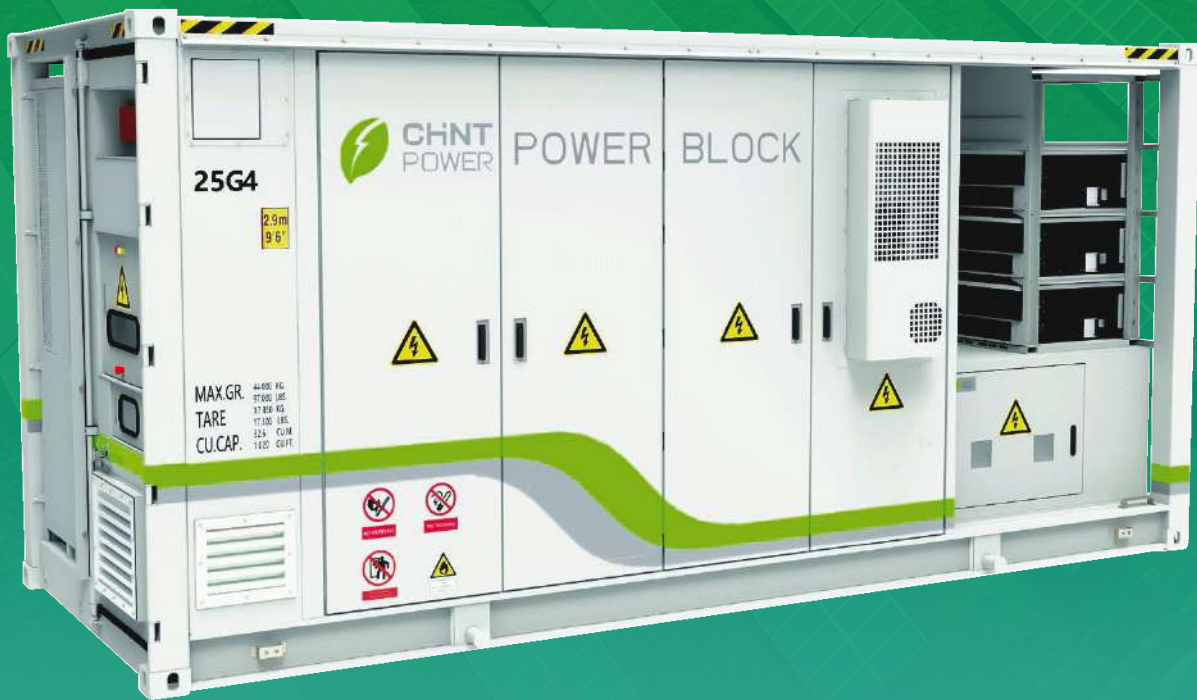


# CPS ES-1.2MW/2.5MWh

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 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

# CPS ES-1.2MW/ 2.5MWh



Model	CPS ES-1.2MW/2.5MWh
<b>DC Side</b>	
Rated Voltage	1331.2Vdc
Battery Voltage Range	1164.8-1497.6Vdc
Nominal Battery Energy	2515kWh
<b>AC Side</b>	
Rated AC Output Power	1200kW
Max. AC Output Power	1200kVA
Rated AC Output Voltage	800V
Output Voltage Range*	704V-880V
Rated Output Frequency	50Hz
Output Frequency Range*	45-55Hz
<b>Enviromental parameter</b>	
Protection Grade	IP54
Cooling Type	Battery: Liquid Cooling, PCS: Fored Air Cooling
Operation Temperature	-25-50°C
Operation	RH 0-95%, Non-Condensing
Altitude	≤3000m (Derating from 2000m)
<b>Display&amp;Communication</b>	
Display	Touch Screen
Communication	RS485, Ethernet
<b>Parameter</b>	
Size (WxHxD) (mm)	6058x2896x2438
Weight (t)	29
<b>Compliance</b>	
Standard	UL1973, UL9540A, UL1741, IEC62477, IEC62619, EN50549

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