

CPS ES-1.6MW/3.34MWh-EU

AC-DC Integrated ESS



Key Features

- All in one design, without on-site installation and commissioning
- 6 battery racks, modular PCS 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-1.6MW/3.34MWh-EU

AC-DC Integrated ESS

Model Name	CPS ES-0.6MW/ 2.5MWh-EU	CPS ES-0.8MW/ 3.34MWh-EU	CPS ES-1.2MW/ 2.5MWh-EU	CPS ES-1.6MW/ 3.34MWh-EU
DC Parameter				
Rated Voltage	1331.2Vdc			
Battery Voltage Range	1164.8~1497.6Vdc			
Battery Capacity	2508kWh	3344kWh	2508kWh	3344kWh
AC Parameter				
Rated AC Output Power	600kW	800kW	1200kW	1600kW
Rated AC Output Voltage	800V			
Output Voltage Range	704V~880V			
Grid Frequency	50Hz/60Hz			
Grid Frequency Range	±5Hz			
System Parameter				
Protection Degree	IP55			
Cooling Method	PCS: Air Cooling, Batteries :Liquid Cooling			
Operation Temperature	-30°C ~55°C			
Operating Humidity	0-95%, non-condensing			
Operating Altitude	≤ 3000m (derating from 2000m)			
Dimensions (WxHxD)	238.5x114.0x96.0in / 6058x2896x2438mm			
Weight(T)	24	32	25	33
Display and Communication				
Communication	Ethernet/CAN/RS485			
Safety				
Compliance	Battery: IEC 62477 / IEC 61000 / IEC 62619 / IEC 63056 PCS: IEC61000 / IEC62477 / IEC62109 / IEC 62920			

* For applications at altitudes above 2000 m, please consult Chint Power.

* "Output voltage range" and "Output frequency range" may be different, depending on the specific national grid standard.

* If there is any change in the specifications and dimensions of the product, the latest information provided shall prevail, without prior notice.