

CPS ES-1.6MW/3.34MWh-EU

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

Model Name	CPS ES-0.8MW/1.6MWh-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		
Nominal Battery Energy	1672kWh	2508kWh	3344kWh
AC Parameter			
Rated AC Output Power	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	IP54		
Cooling Method	PCS: Air Cooling, Batteries: Liquid Cooling		
Operation Temperature	-25°C~55°C		
Operating Humidity	0-95%, non-condensing		
Operating Altitude	≤3000m (derating from 2000m)		
Dimensions (WxHxD)	238.5 x 114.0 x 96.0in / 6058 x 2896 x 2438mm		
Weight(T)	<30T		
Display and Communication			
Communication	Ethernet/CAN/RS485		
Safety			
Compliance	Battery: IEC 62477 / IEC 61000 / IEC 62619 / IEC 63056 PCS: UL1741, CSA-22.2 NO.107.1-16, IEEE1547-2018, FCC Part 15, IEC61000, IEC62477, IEC62109, EN50549, VDE 4110&4120, NTS2.1		
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