

CPS ES-5015KWH

Battery Energy Storage System



Key Features

- Fully integrated system with minimum on-site installation and commission efforts
- High energy density: 5 MWh in one 20ft container Multiple-point electrical linkage measures
- Easy to expand with CPS’s modular and string design
- Integrated fast-acting fault protection
- Comprehensive fire prevention design to ensure system safety
- Smart cooling control to improve battery performance and lifecycle

Model Name	CPS ES-5015KWH
Battery Parameter	
Battery Capacity	5015.96kWh
Battery Cell	314Ah
Pack Configuration	1P52S
Battery Configuration	12 x 1P416S
Rate Voltage	1331.2V
Operating Voltage Range	1164~1497V
Maximum Power	2508kW
System Parameter	
Protection Degree	IP54
Cooling Method	Liquid Cooling
Operation Temperature	-25°C~50°C
Operating Humidity	0-95%, non-condensing
Operating Altitude	≤6561.7ft / 2000m
Dimensions (WxHxD)	238.5 x 114.0 x 96.0in / 6058 x 2896 x 2438mm
Weight	43T
Communication	RS485/Ethernet / CAN
Protocol	Modbus RTU / Modbus TCP / CAN
Auxiliary Power Input	3P+N 400Vac / 50kVA
Safety	
Compliance	IEC 62477 / EC 61000 / IEC 62619 / IEC 63056
* Product specifications and dimensions may be updated based on the latest information provided and are subject to change without prior notice.	