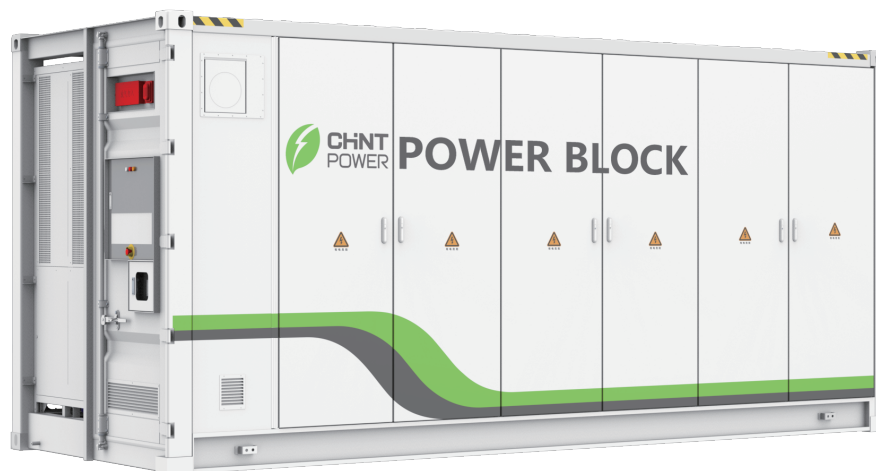


5MWh Battery Container



Key Features

- Integrated system design, without on-site installation and commissioning
- 5MWh in one 20ft high container, high energy density
- Multiple electrical linkage measures, fast fault protection
- Comprehensive fire prevention design to ensure system safety
- Intelligent liquid-cooling system, ensures longer battery cycle life
- Modular design, easy to expand

Model Name	CPS ES-5016KWH
Battery Specifications	
Battery Cell	LFP 314Ah
Pack Configuration	1P52S
Battery Configuration	12P416S
Battery Capacity	5016kWh
Rated Voltage	1331.2V
Operating Voltage Range	1164.8-1497.6V
Maximum Power	2508kW
General Specifications	
Protection Degree	IP54
Cooling Method	Liquid cooling
Fire Suppression	Customized
Operating Temperature Range	-25°C to 50°C
Operating Altitude	≤2000m
Operating Humidity	0-95%, non-condensing
Dimensions (WxHxD)	6058x2896x2438mm
Weight	43T
Communication interfaces	RS485/Ethernet/CAN
Communication protocols	Modbus RTU/Modbus TCP/CAN
Auxiliary Power Input	3P+N 400Vac/50kVA
Compliance	IEC 62477/IEC 61000/IEC 62619/IEC 60730/IEC 63056