

Container BESS Series

UESS 20GP/40HQ Prefabricated Products



Integrate LFP Battery, PCS, Fire Intelligent Temperature Control



20/40 feet Container for Convenient Transportation



Temperature Control Design, Low loss and High Safety



One-Stop Delivery Shortens the Installation and Commissioning Cycle



With High and low Voltage ride-through Capability



Standard Communication Interface Facilitates System Management and Scheduling



Equipped with PQ, VSG, VF Black Start Function



IP54 Protection Level, Strong Environmental Adaptability

Model	UESS 20GP	UESS 40HQ
Power Range	200-1000kW	1000-5000kW
Battery Capacity	Customized, up to 4MWh	Customized, up to 10MWh
Photovoltaic Interface	Optional	
Off-grid Model	Support	
PCS Cooling Method	Intelligent Air Cooling	
Battery System Cooling Method	Air/Liquid cooling	
Fire Extinguishing System	Heptafluoropropane/perfluorohexanone	
Working Temperature Range	-15°C~45°C	
Maximum Working Altitude	3000m	
Working Humidity Range	5%-95% (no condensation)	
Protection Level	IP55	
Dimensions (L*W*H)	6058*2438*2896mm	12192*2438*2896mm
Communication	Ethernet (IEC104)	
Cell Type	3.2V/120Ah, 3.2V/280Ah, 3.2V/314Ah	
Battery Cluster	Customizable	