



UEI-BESS-2.4MW-5MWh

Highlights



High Energy Density and Ready for PV expansion
Up to 5MWh for liquid-cooling container ESS system; Easily to increase PV system.





Pre-fabricated, Plug & Play
All are pre-fabricated and completed test in factory, just plug and play when installing.

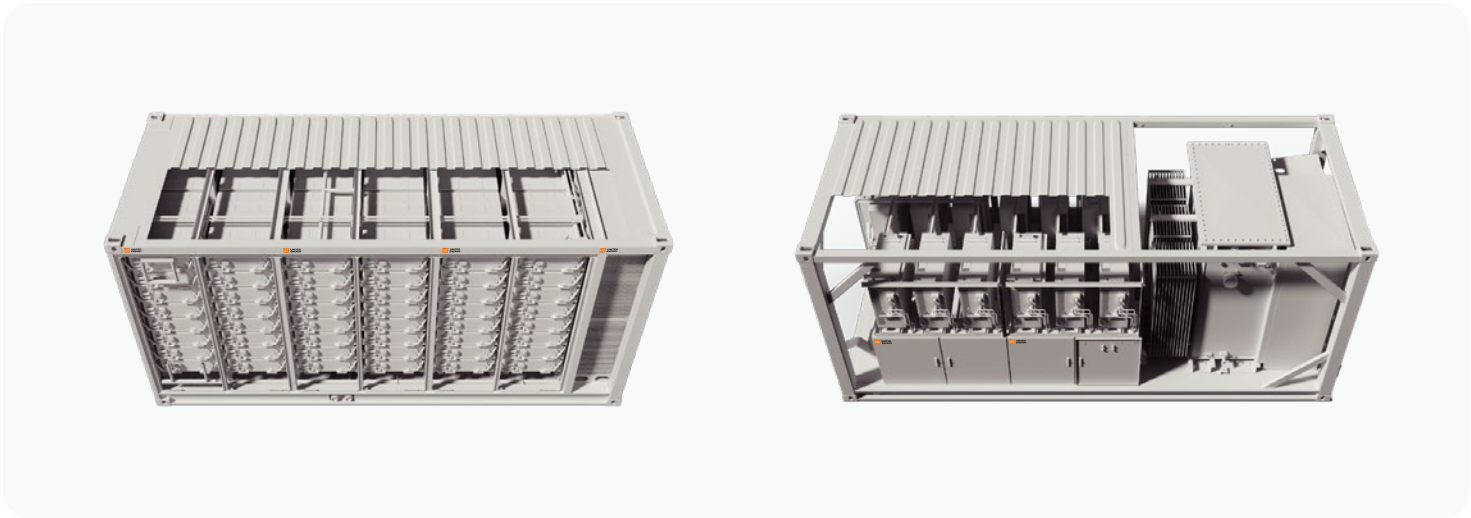


Safe and intelligent
Completed protection for medium voltage connection; with EMS cabinet, can reach multi-parallel connection.



One-stop solution
UE will provide all components in one time, and completed guidance for installation/commissioning/operation&-maintenance.

Model	Description	Quantity	Picture
2.4MW Energy storage converter & Step-up transformer	1.1 Energy storage converter (PCS) 200kW*12 1.2 2500kVA transformer (transformer + cooling fan) 1.3 High voltage Cabinet 1.4 Power distribution room (transformer + box transformer measurement and control three-in-one) 1.5 Local communication cabinet (data acquisition device + interface module + switch + UPS) 1.6 All-in-one prefabricated cabin 20GP Container + fire protection	1	
5.015MWh Energy storage battery container	2.1 20GP Battery container IP54 2.2 Battery compartment (battery cluster 1331.2V 314Ah, 418kWh*12); 2.3 Including fire extinguishing system; 2.4 Liquid cooling system 40kW; 2.5 Including lighting, ventilation, power supply, etc	1	



2.4MW Three Phase System Illustration

