



# **UEI-BESS-2.5MW-5MWh**

### Highlights



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



## Safe and intelligent

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







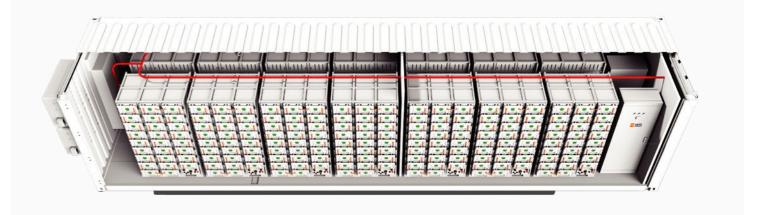
### **One-stop solution**

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



# Three Phase 2.5MW 5MWh EU Pure ESS System

Model	Description	Quantity	Picture
2.5MW Energy storage converter & Step-up transformer	<ul> <li>1.1 Energy storage converter (PCS)1250 (900-1350Vdc)*2</li> <li>1.2 2500kVA transformer (transformer + cooling fan)</li> <li>1.3 High voltage Cabinet</li> <li>1.4 Power distribution room (transformer + box transformer measurement and control three-in-one)</li> <li>1.5 Local communication cabinet (data acquisition device + interface module + switch + UPS)</li> <li>1.6 All-in-one prefabricated cabin 20GP Container + fire protection</li> </ul>	1	
5.017MWh Energy storage battery container	<ul> <li>2.1 40HQ Battery container IP54</li> <li>2.2 Battery compartment (battery cluster 1280V 280Ah, 358.4kWh*14);</li> <li>2.3 DC combiner cabinet 8 input 1 output * 2;</li> <li>2.4 Air conditioner 40kW*2</li> <li>2.5 Prefabricated cabin 40HQ container + fire protection, Including lighting, ventilation, power supply, etc</li> </ul>	1	



#### 2.5MW Three Phase System Illustration



