



UER-8kW-15kWh

Highlights



High efficiency

Latest 590Wp Topcon Panel reach higher efficiency and 2 MPPTs to maximum the generation of PV arrays.



One-stop solution

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



Flexibility

The Battery clusters can be from 10kWh/15kWh/20kWh/29kWh/43kWh, to match the best configuration ratio; Maximum can reach 6 inverters in parallel.



Simple O&M

Hybrid inverter integrated the MPPT chargers/ Gen&Grid interface, All information is shown on the hybrid inverter.

Model	Description	Quantity	Picture
Solar Module UE-590T-72HBD	Maximum power: 590W Technology: N-type Topcon, Bifacial Net Weight: 31.5kg Size: 2279*1134*30mm	14	
US 8kW Split Phase Hybrid Inverter (WiFi Included)	Battery Voltage Range: 48V MPPT Voltage Range: 125-450V No. of MPP Trackers: 2 Rated Input Voltage: 120/240V Communication: RS485/CAN/USB/ Dry contact Protection Level: IP65	1	
LV Lithium Battery (Parallel Cable included)	4.8kWh Lithium Battery 48V/100Ah@4.8kWh Wall-mounted Type 6000 Cycles Lifespan,80% DOD Protection Level: IP65 CE IEC Certificate	3	
Mounting Brackets	Aluminum Alloy Mounting Bracket for Solar Panels Above Roof Installation All Accessories Included CE IEC Certificates	1	
Other Accessories (Optional)	AC Distribution Box DC Battery Combiner Box PV Cable(DC) MC4 Connector Installation Tools	/	

8kW US Split-Phase Hybrid System Illustration

