



UEC-50kW-100kWh

Highlights



High efficiency

Latest 590Wp Topcon Panel reach higher efficiency and 4 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 50kWh/60kWh/100kWh/120kWh, to match the best configuration ratio; Maximum can reach 10 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	90	
EU 50kW Hybrid Inverter (WiFi Included)	PV side: MPPT Voltage range 150-850V; 4 Mppts Batteries: 160-800V, 50/50A; AC Side: Rated Power 50000W, Voltage 220/380V, 230/400V; 50Hz/60Hz; 3L/N/PE; Max Efficiency: 97.6% CE/IEC Certificates	1	
HV Lithium Battery (Cable included)	Battery cell: 3.2V/100Ah; Battery module: 51.2V/100Ah@5.12kWh, 1*16 cell; Battery Cluster: 512V/100Ah@51.2kWh, 10*modules in series + 1*HV box Voltage Range: 448V - 576V CE IEC Certificates	2	
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	/	

50kW EU Three-Phase Hybrid System Illustration

