

UEC-10kW-20kWh



Model	Description	Quantity	Picture
Solar Module UE-450T-54HBD	Maximum power: 450W Technology: N-type Topcon, Bifacial Net Weight: 23.5kg Size: 1722*1134*30mm	24	
EU 10kW Hybrid Inverter (WiFi Included)	PV side: MPPT Voltage range 150-850V; 2 Mppts Batteries: 160-700V, 37/37A AC Side: Rated Power 10000W, 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: 204.8V/100Ah@20.48kWh, 4*modules in series + 1*HV box Voltage Range: 179.2V - 230.4V CE IEC Certificates	1	
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	/	<u> </u>

10kW EU Three-Phase Hybrid System Illustration

Highlights



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High efficiency Latest 450Wp Topcon Panel reach higher efficiency and 2 MPPTs to maximum the generation of PV arrays.

Flexibility

The Battery clusters can be from 20kWh/25kWh/30kWh/35kWh/40kWh/ 45kWh/50kWh, to match the best configuration ratio; Maximum can reach 16 inverters in parallel.



One-stop solution

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

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20 Miles

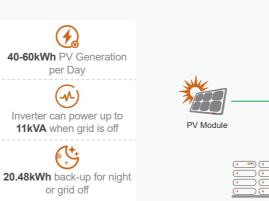
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Simple O&M

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



Battery Clusters

Three Phase 10kW 20kWh EU PV+ESS System

