



Highlights



Efficient Power Generation

Generates 40-60kWh daily with 20.48kWh night backup, ensuring stable 24/7 power supply.



High-Performance Components

Equipped with 450Wp solar panels, dual MPPT, and conversion efficiency up to 97.6%.



Flexible Operation

Supports off-grid/on-grid modes and can intelligently control diesel generators.



Durable Design

Withstands -40°C to 90°C environments, TUV certified, and easy to install and maintain.

Model	Description	Quantity	Picture
EU 10kW Hybrid Inverter (Wifi Included)	MPPT Voltage: 150-850V; 2 Mppts Batteries: 160-700V, 37/37A AC Side: Rated Power 10000W, Voltage 220/380V, 30/400V; 50Hz/60Hz; 3L/N/PE; Max Efficiency: 97.6% CE/IEC Certificates	1	
Solar Module UE-450M-54HBD	Maxium power: 450Wp Technology: N-type Topcon, Bi-facial Net Weight: 23.5KG Size: 1722*1134*30mm	24	
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	Alluminum Alloy Mounting Bracket for Solar Panels Above Roof Installation All Accessories Included CE IEC Certificates	1	
Other Accessories (Optional)	AC Distributor Box PV Cable(DC) MC4 Connector Installation Tools	/	

10kW EU Three-Phase Hybrid System Illustration

