



# UEI-1.2MW-2.5MWh

## Highlights



### High efficiency & Flexibility

PV on-grid inverter with 48 Mppts to increase the PV generation; AC coupled solution easily increase PV volume or Battery volume separately;



### Safe and intelligent

Build-in transformer PCS inverter, ATS cabinet + EMS cabinet, Fire Extinguish System, Air conditioner, lights all included ;



### Pre-fabricated, Plug & Play

all are pre-fabricated and completed test in factory, just plug and play when installing;



### One-stop solution

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

## Comments on the illustration



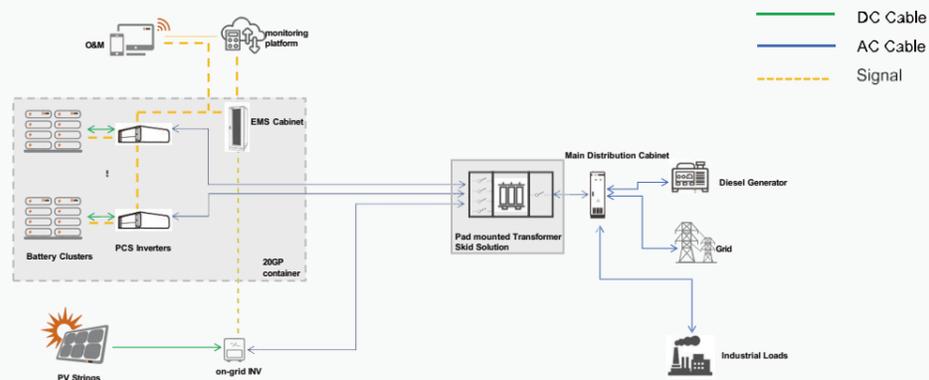
4800-7200kWh



1200kVA



2500kWh



Model	Description	Quantity	Picture
Solar Module UE720T-66HBD	Model: UE720 T-66HBD Power: 720W Technology: Topcon Size: 2384mm*1303mm*33mm Weight: 37.5kg Voc 49V, Isc 18.65A Vmp 41V, Imp 17.56A Efficiency 23.26%	1664 pcs, 26 pcs/string, 64 strings	
PV Inverter	1. Rated power: 275kW 2. PV side: 1500Vdc, 12 MPPTs, 24 inputs 3. AC side: Voltage L-L 800V ; 50Hz/60Hz; 3*L + PE; 4. Efficiency: Max 99%, CEC 98.5%; 5. Air cooling; 6. Size: 690mm * 1050mm * 400mm, 119kg; UL 1741. IEEE 1547, CSA-22.2	4	
PCS Inverter	1. Rated power: 200kW; 2. Battery Side: Input range 875-1500V, Max 218A, 207kW; 3. AC Side: Voltage L-L 800V ; 50Hz/60Hz; 3* L + PE; 4. Efficiency: Max 98%, CEC 97%; 5. Air cooling;	6	
HV Lithium Battery (Battery Cables, Rack included)	2.508MWh Battery bank 0.5C 1. Battery system: 418kWh *6 clusters 2. Battery cluster: 418kWh@1331.2V*314Ah, consist of 8pcs battery module 3. Battery module: 52pcs* 3.2V/314AH battery cells With three-level BMS (ESMU/BCMU/BMU); With battery bracket, DC cables, communication cable; IEC62619/CE/UN38.3;	1	
Container	20GP Battery container IP54; Including fire extinguishing system; Liquid cooling system 40kW; Lighting, ventilation, power supply, etc;	1	
EMS Cabinet (optional)	Controller + Software, input module and output module, 8*GE Switch, UPS 1kVA*60min, screen, etc.	1	
Ground Mounting Structure	Ground-mounting System for PV panels above; All Accessories Included; CE IEC Certificates	1	
Transformer	Pad-mounted transformer, 800Vac/480Vac or 800Vac/400Vac, 50Hz/ 60Hz 1250KVA, with LV cabinets for input(for 4 PV inverters and 6 PCS inverter) and output.		
Other Accessories (Optional)	Cable; Connectors, Tools, etc.	/	

