Project HOM(Solar Home System)

Solar Home System is a small solar power plant installed on the house roof. It's environmentally friendly and green. And it will adopt different installation modes according to the shape and nature of the roof, flexible customized installation methods and size.

5kW/10kwh Hybrid Solar Power System

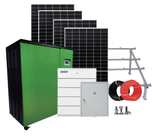
Model	Description	Quantity
Solar panel	580W	9
Hybrid Inverter	5kW,Single phase,220Vac,50HZ	1
Battery	51.2V-200Ah,LFP	1
DC Cable	PV1-F 1*4mm2	50
AC Cable	YJV-0.6/1kV-3*6mm²	20
Support system	Aluminum alloy	1
Electrical auxiliary	Brass nose, fireproof material, mud guide clamp, etc	1

Reference case, can be customized

10kW/20kwh Hybrid Solar Power System

Description	Quantity
580W	18
10kW,Single phase,220Vac,50HZ	1
51.2V-200Ah,LFP	2
PV1-F 1*4mm2	100
YJV-0.6/1kV-3*6mm²	20
Aluminum alloy	1
Brass nose, fireproof material, mud guide clamp, etc	1

Reference case, can be customized



15kW /30kwh Hybrid Solar Power System

Model	Description	Quantity
Solar panel	580W	27
Hybrid Inverter	15kW,Three phase,380Vac,50HZ	1
Battery	51.2V-200Ah,LFP	3
DC Cable	PV1-F 1*4mm2	150
AC Cable	YJV-0.6/1kV-5*10mm²	40
Support system	Aluminum alloy	1
Electrical auxiliary	Brass nose, fireproof material, mud guide clamp, etc	1

Reference case, can be customized

20kW /40kwh Hybrid Solar Power System

Description	Quantity
580W	36
20kW,Three phase,380Vac,50HZ	1
51.2V-200Ah,LFP	4
PV1-F 1*4mm2	200
YJV-0.6/1kV-5*10mm²	60
Aluminum alloy	1
Brass nose, fireproof material, mud guide clamp, etc	1

Reference case, can be customized

Project Case






Project CNI(Solar Commercial & Industrial System)

Industrial and Commercial Solar PV System is an important form to use solar energy, which could reducing energy consumption and bring huge economic benefits and environment by using idletop-level resources.

Advantages and Benefits

Reduce electricity costs

Obtain additional benefits

Energy conservation and emission reduction

Emprove the working environment

Domestic Project






Overseas Project






Project CPT(Solar Carport System)

Solar Carport System is an innovative building that combines PV modules with the shed structure, which can not only provide shading and rain protection for the vehicle, but also use solar power to generate clean energy for the surrounding environment. It is composed of support system, battery module array, lighting inverter system, charging device system, lightning protection and grounding system.

Advantages

High Space utilization

Energy supply

Shading and rain protection

Beautiful and practical

Application Scenario

Business Park

Residential Community

Scenic Park

Factory

Project Case






Project MRO(Solar Microgrid System)

Solar Microgrid System is usually composed of distributed power supply, energy storage device, energy conversion device (such as inverter, transformer, etc.), related load and monitoring and protection device, is an autonomous system that can achieve self-control, protection and management, can be connected to the external power grid operation, can also be isolated operation microgrid + energy storage is suitable for remote areas. Some areas that are not covered by large power grids, such as islands and remote mountainous areas.

• Advantages

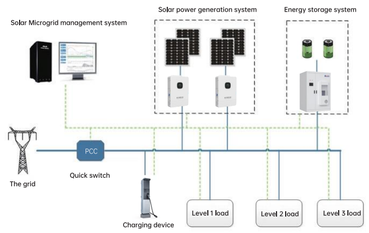
The grid and independent operation modes

Stable operation

High compatibility

plug and play

High energy efficiency



• Project Case






Project SVC(Project Service) / Project EPC（Engineering,Purchasing,Construction)

Project Services include: project design, complete set integration and on-site guidance.

Project design is the basis for ensuring the efficient, safe and sustainable operation of solar systems, including system scale and layout, PV module selection, bracket structure design, electrical system design, grid-connected and energy storage design, operation and maintenance and monitoring design.

Complete Set Integration is the process of integrating PV modules, inverters, brackets, battery energy storage and other components together to build a complete solar PV power generation system. Including component procurement and supply chain management, system assembly and commissioning, grid-connected access and commissioning.

On-site Guidance is an important link to ensure the smooth construction and efficient operation of solar projects. Including construction safety and specifications, construction quality control, system debugging and testing, operation and maintenance debugging and testing, operation and monitoring training, environmental protection and communication.

• Project Case (EPC)



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Power SYS Series

Project HOM **Project CNI** **Project CPT**
Project MRO **Project SVC** **Project EPC**

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