

Off-Grid Solar Power System



PU DENG TECHNOLOGY CO., LTD.

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About Our Green Energy

PU DENG TECHNOLOGY is devoted to develop solar power system integration in Taiwan and Japan. We are committed to offer reliable and sustainable PV product and provide affordable green energy for off-grid & on-grid O&M implementation.



※ Our solar PV system in Miaoli, Taiwan

Service items for solar power farm :

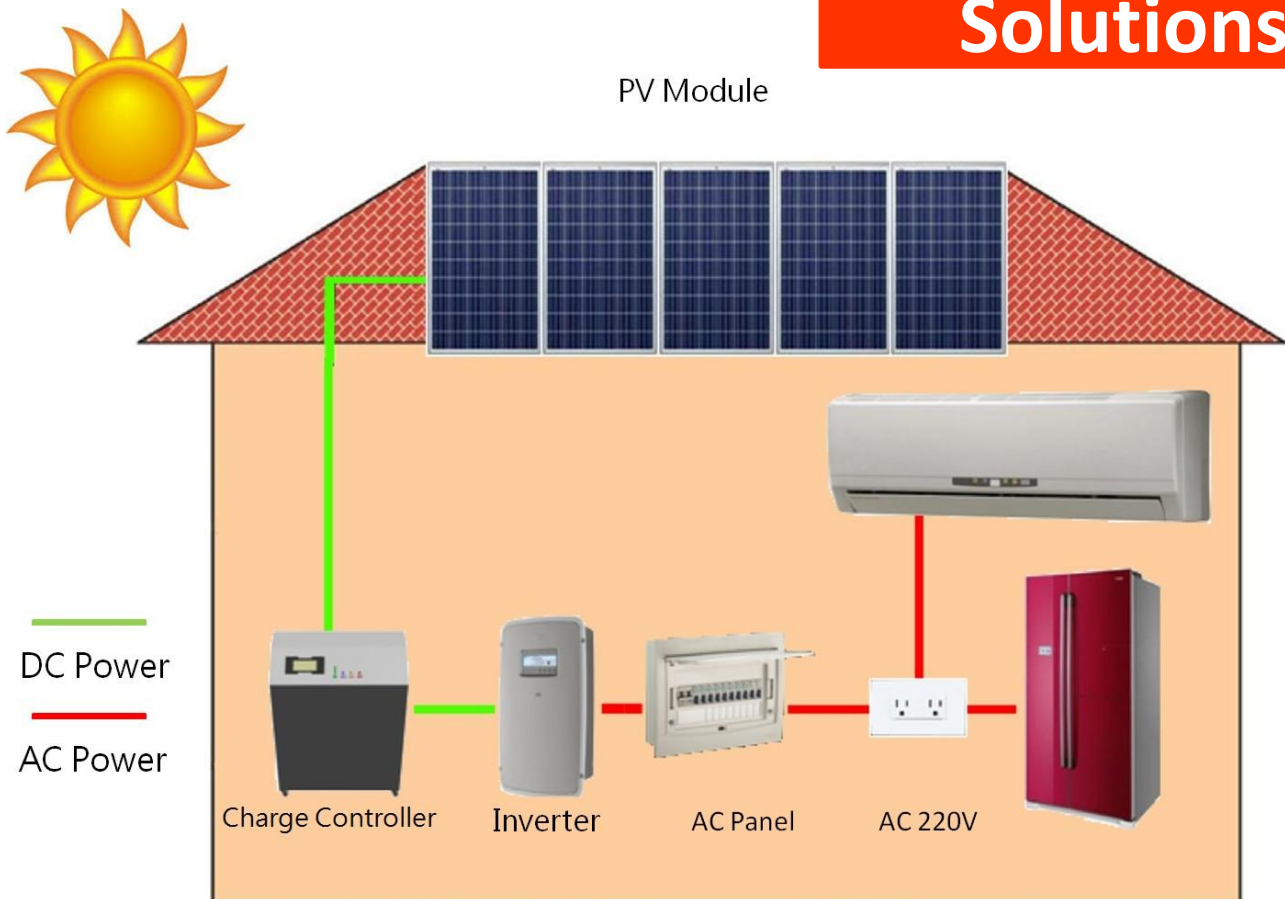
- Solar power farm design and planning
- Application for solar power farm in Taiwan and Japan
- Related equipment's purchasing and delivery
- Field assembly and consultation
- Operation and Maintenance

Off-Grid Solar Power System

Benefits

Off-grid power systems supply electricity to properties that are not connected to the public electricity network (independent from external energy supplies). It could also be remote homes, save yourself from outrageous grid connection charges.

Solutions



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Specifications

Off-grid System Package

Step 1 Solar System	A	B	C	D
	1 kW	1.5 kW	3 kW	6 kW
Solar Module	AUO PM096B00 (320W)			
Cell Type	96 mono-crystalline cells (125*125 mm)			
Weight	18.6 kg (per module)			
Quantity	4 pcs	6 pcs	12 pcs	24 pcs
Maximum output	1.28 kW	1.92 kW	3.84 kW	7.68 kW
Area	8m ²	12m ²	24m ²	48m ²
AC Output	220V 2.5A	220V 3.8A	220V 7.5A	220V 15.5A
Frequency	60 Hz			
Other Accessory	PV Cable 、 PVC Cable 、 Switch Boxes 、 Solar System Bracket			

Step 2 Battery System	1-DAY	2-DAY	3-DAY	4-DAY	5-DAY
Battery Type	Lead-acid battery (for Solar Power System Solution)				
Capacity	600 Ah	1200 Ah	1800 Ah	2400 Ah	3000 Ah
	14.4kWh	28.8kWh	43.2kWh	57.6kWh	72kWh
Quantity	1 unit	2 unit	3 unit	4 unit	5 unit
Dimensions (LxWxH) mm	1065x802x1026	2130x802x1026	3195x802x1026	4260x802x1026	5325x802x1026
Weight	690 kg	1380 kg	2070 kg	2760 kg	3450kg

Battery stand-by days: 1-5 days. Peak sun hours: 4.5 hours/day.