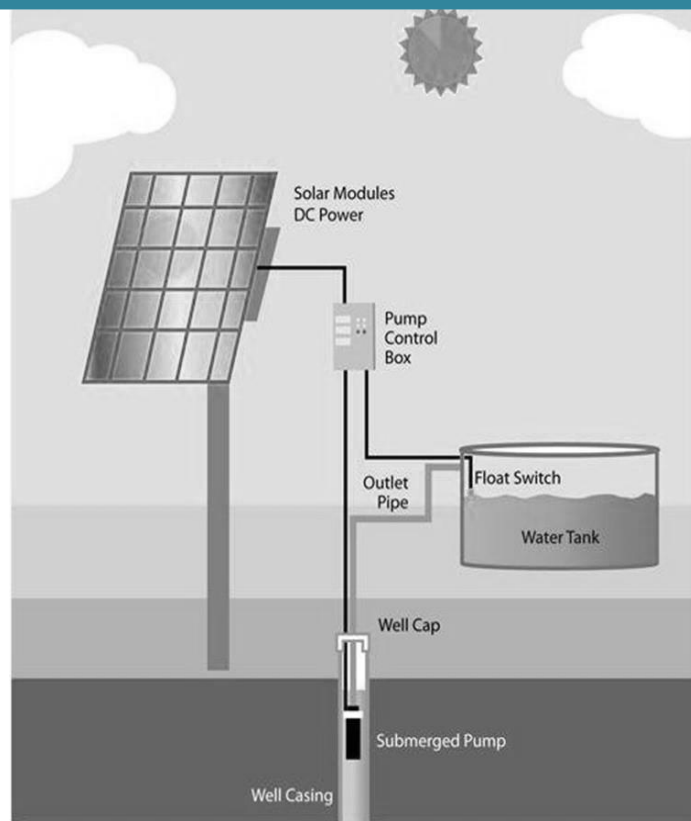


SOLAR PUMP SYSTEM



PU DENG TECHNOLOGY CO., LTD.

Room.6, 9F., No.239, Sec.1, Datong Rd.,
Xizhi Dist., New Taipei City 22161, Taiwan (R.O.C.)
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URL : <http://www.pudeng.com.tw>

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 and On Grid O&M implementation.



※ Our solar PV system in Miaoli, Taiwan

Service items for solar power farm :

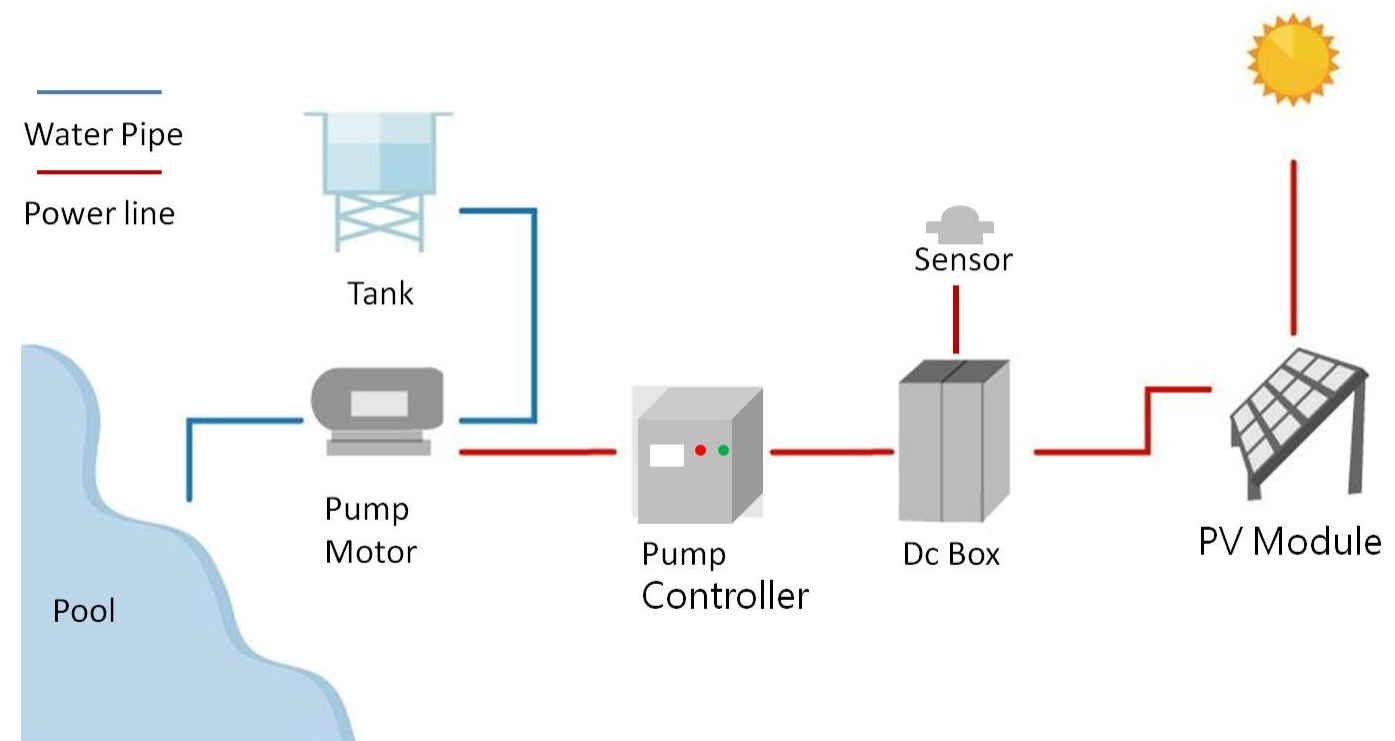
- Solar power farm design and planning
- Application for solar power farm in Taiwan and Japan
- Related equipment's purchasing and delivery
- Field assembly and consultation
- Operation and Maintenance

Solar Pump System

Benefits

These systems use photovoltaic (PV) cells to convert sunlight into electricity to power AC pumps which can be used to pump groundwater or surface water. It can be placed in or next to the pond or other source of water and the water can be pumped where it is needed.

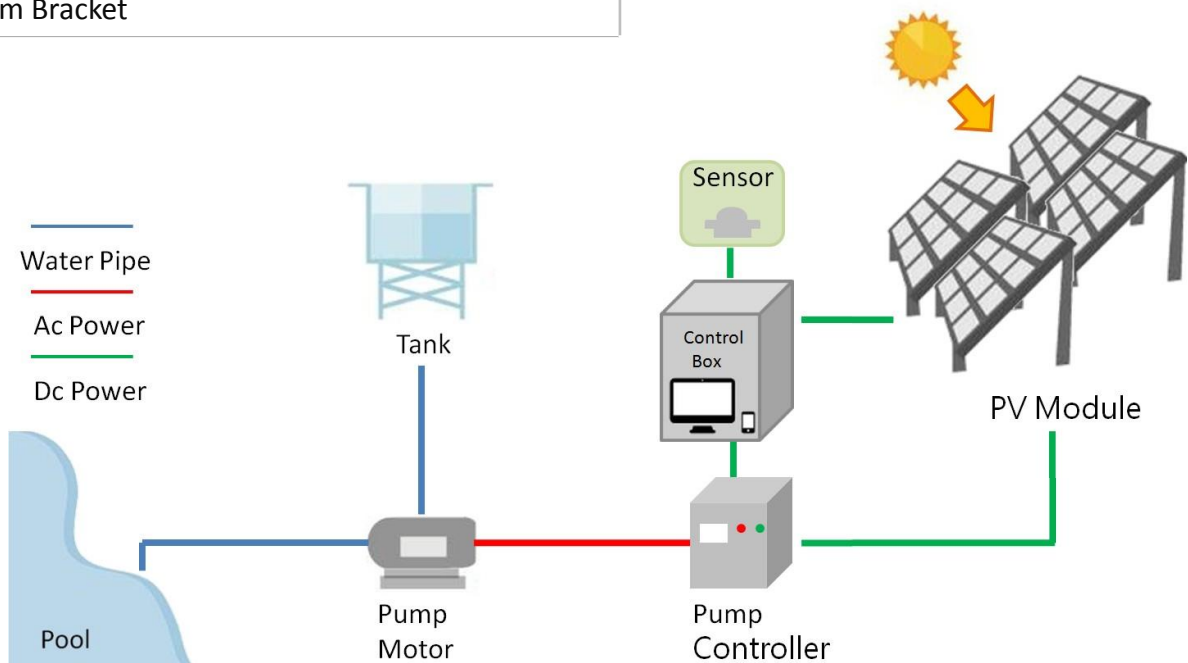
Solutions



Solution 1 (Off Grid)

Solar Pump System Package 300HP

Solar Unit (1 unit, maximum to 4 unit)		Water Pump Control	
Module	AUO PM060MW2 (280W)	Type	250kW
Cell Type	60 mono solar cells	DC Input Voltage	510~680V
Weight	19 kg (per module)	AC Output Voltage	380~480V (Three-phase)
Quantity	924 pcs	Environmental Monitoring System	
Maximum output	258.72 kW	Sunshine Sensor	1 set
Area	3500 m ²	DC combiner box	
Array Junction Box		Type	4 channels
Type	11 channels	Quantity	1
Quantity	4	Pump Motor	
Other Accessory		300HP(224kw) 250000 gl/m (AC Three-phase)	
PV Cable 、 PVC Cable 、 Switch Boxes 、 Solar System Bracket			



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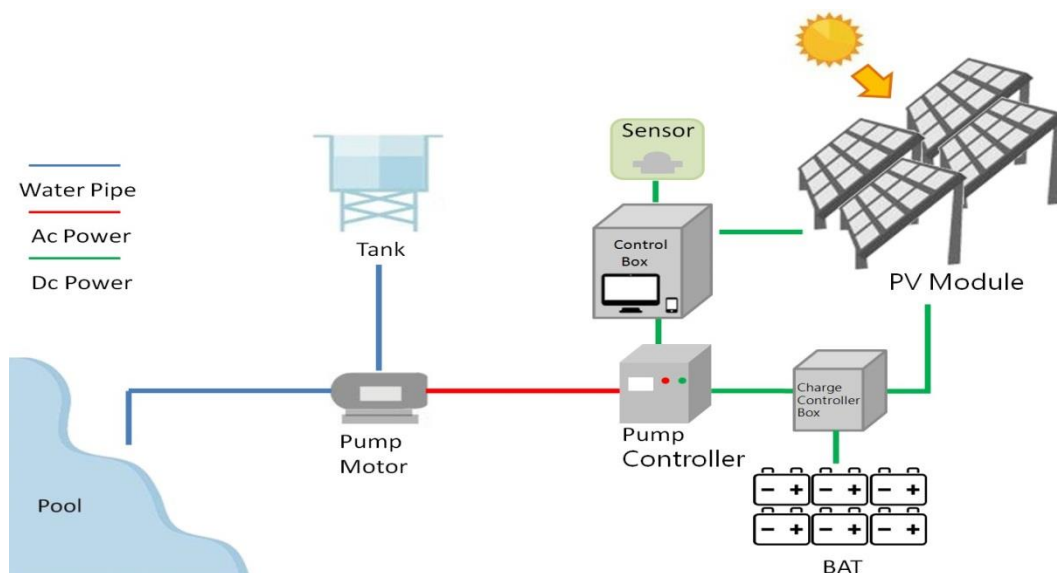
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Solution 2 (Hybrid)

Solar Pump System Package 300HP

Solar Unit (1 unit, maximum to 4 unit)		Water Pump Control	
Module	AUO PM060MW2 (280W)	Type	250kW
Cell Type	60 mono solar cells	DC Input Voltage	510~680V
Weight	19 kg (per module)	AC Output Voltage	380~480V (Three-phase)
Quantity	924 pcs	Environmental Monitoring System	
Maximum output	258.72 kW	Sunshine Sensor	1 set
Area	3500 m ²	DC combiner box	
Array Junction Box		Type	4 channels
Type	11 channels	Quantity	1
Quantity	4	Storage Battery (BAT)	
Other Accessory		Capacity	5000Ah (3000kW)
PV Cable 、 PVC Cable 、 Switch Boxes 、 Solar System Bracket		Weight	72500 kG (20 unit)
Pump Motor		Dimensions	340x140x130cm x 20 unit
300HP(224kw) 250000 gl/m (AC Three-phase)		※(Use for 300HP pump motor in 10 hours)	



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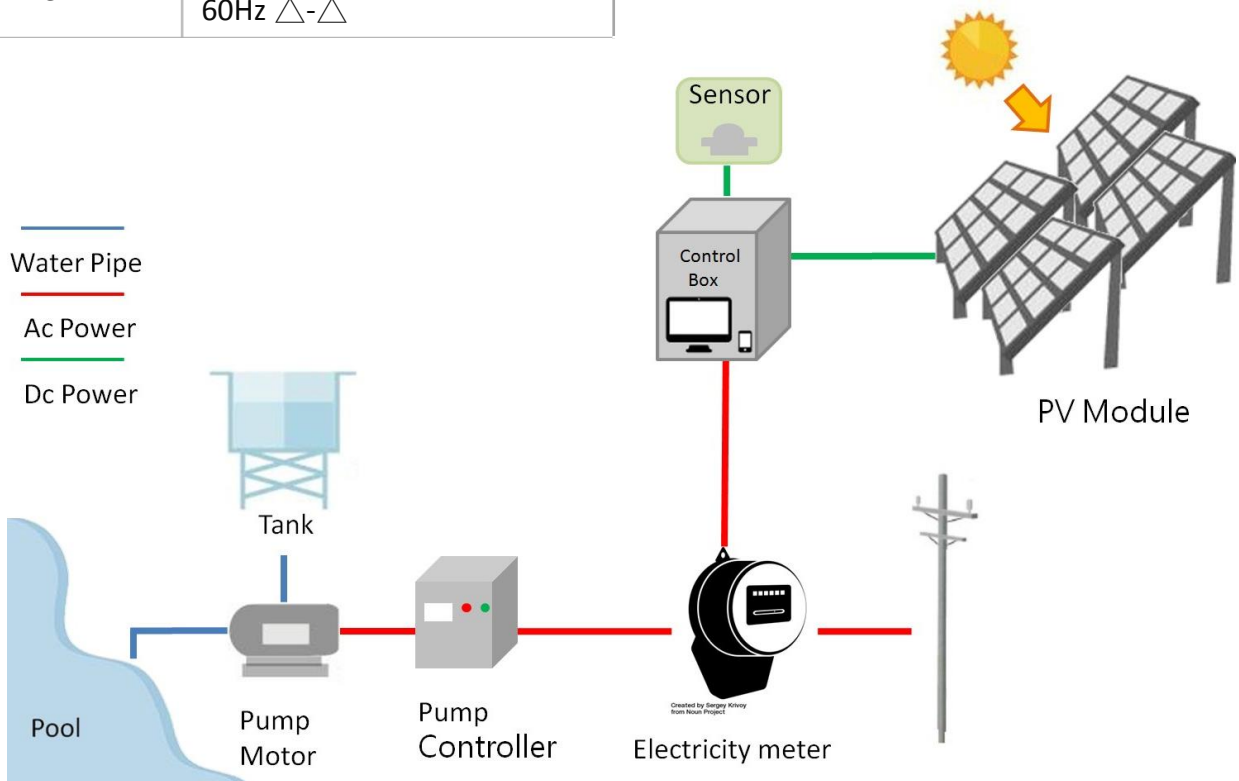
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Solution 3 (On Grid)

Solar Pump System Package 300HP

Solar Unit (1 unit, maximum to 4 unit)		Water Pump System	
Module	AUO PM060MW2 (280W)	VFD Type	250kW
Cell Type	60 mono solar cells	DC Input Voltage	510~680V
Weight	19 kg (per module)	AC Output Voltage	380~480V (Three-phase)
Quantity	960 pcs	Environmental Monitoring System	
Maximum output	268.8 kW	Sunshine Sensor	1 set
Area	3500 m ²	Pump Motor	
Array Junction Box	10 channels	300HP(224kw) 250000 gl/m (AC Three-phase)	
Quantity	4	Other Accessory	
Inverter	ABB 250kW 400V × 1	PV Cable 、 PVC Cable 、 Switch Boxes 、 Solar System Bracket	
Transformer	250kVA (220V/400V) 60Hz △-△		



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