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SOLARLAND®
Solar Technology and Solutions

Solar AC Pump System



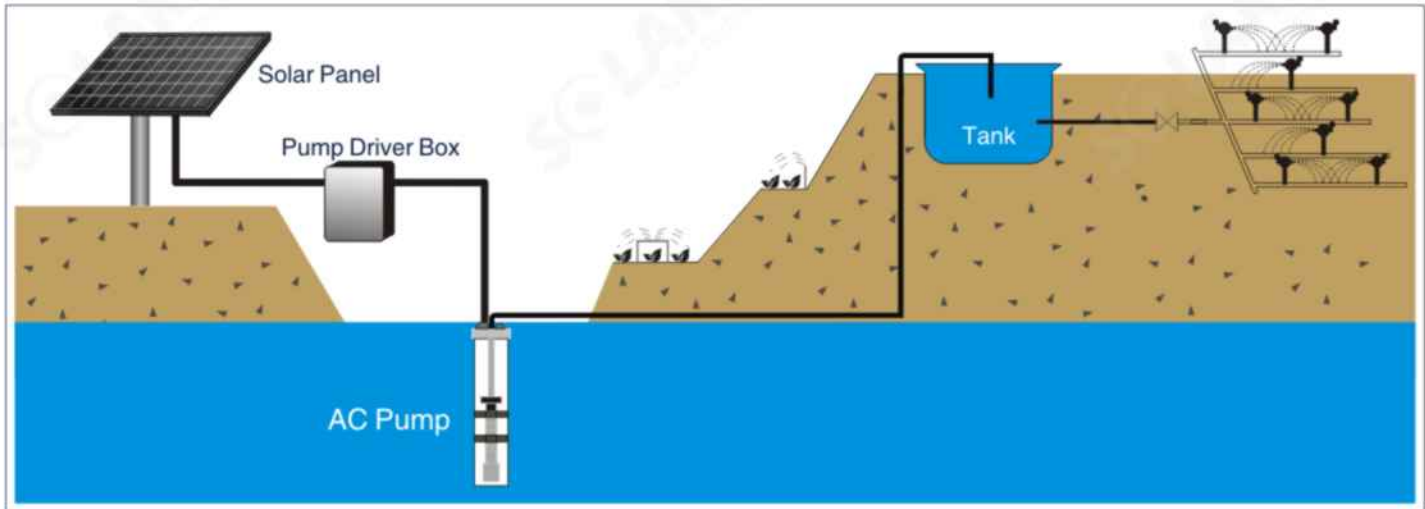
Solar pump system has a wide range of applications, such as offering domestic water, helping agricultural and forestry irrigation, and desertification control. It can also supply water to sea islands, animal husbandry, and water treatment projects. With the promotion of new energy utilization, recently the usage of solar water pump has been more and more increased. You can find them in government projects, landscape architectures and fountains of city squares, parks, tourist attractions, sometimes hotels and residential areas.

Features

- The pump driver can activate three-phase AC 220V/380V AC pump.
- Higher conversion efficiency: application of Vector V/F technology in the pump driver.
- Accessories: PV panel, water pipe and cable, etc..
- Application location: large water station, farm water supply, plant water supply, hotel water supply, agricultural irrigation, desalination, highway protection in desert, and desert control, etc..




Solar AC Pump System




Characteristics of basic type AC pump:

- High cost-effective
- Water level sensor: it is separated from the pump, customer can DIY according to the requirement.

	Model	Solar Panel	Power	Input Voltage	Output Voltage	Max Head	Flow Rate
			W	V(DC)	V(AC)	m	m ³ /h
	370W Solar AC Pump System	SLP60-24*10 pcs	370	320	220	25/40	2/4
	550W Solar AC Pump System	SLP85-24*10 pcs	550	320	220	50/35/23	2/4/6
	750W Solar AC Pump System	SLP120-24*10 pcs	750	320	220	70/45/30/28/19	2/4/6/8/10
	1100W Solar AC Pump System	SLP180-24*10 pcs	1100	320	220	90/60/40/35/25	2/4/6/8/10
	1500W Solar AC Pump System	SLP260-24*10 pcs	1500	320	220	130/80/52/45/32	2/4/6/8/10
	2200W Solar AC Pump System	SLP180-24*20 pcs	2200	320	220	180/120/70/63/40	2/4/6/8/10
	3000W Solar AC Pump System	SLP180-24*32 pcs	3000	540	380	265/210/164/110/85	2/4/6/8/10
	4000W Solar AC Pump System	SLP260-24*32 pcs	4000	540	380	337/262/215/135/120	2/4/6/8/10

Characteristics of technical type AC pump:

- Integrated MPPT: The pump driver integrates the water level sensor, using MPPT technology.
- IPM Power Module: The pump driver applies the fifth generation IPM power module of MITSUBISHI with high reliability.
- Intelligent control: Full digital controlled Water pump driver is provided with working automatically, memory and other functions of protection. The LED display sets and indicates clearly data of each function.

	Model	Solar Panel	Power	Input Voltage	Output Voltage	Max Head	Flow Rate
			W	V(DC)	V(AC)	m	m ³ /h
	750W Solar AC Pump System	SLP120-24*10 pcs	750	320	220	70/45/35/28/19	2/4/6/8/10
	1100W Solar AC Pump System	SLP180-24*10 pcs	1100	320	220	90/60/45/35/25	2/4/6/8/10
	1500W Solar AC Pump System	SLP260-24*10 pcs	1500	320	220	130/80/52/45/32	2/4/6/8/10
	2200W Solar AC Pump System	SLP180-24*20 pcs	2200	320	220	180/120/70/63/40	2/4/6/8/10
	3000W Solar AC Pump System	SLP180-24*32 pcs	3000	540	380	265/210/164/110/85	2/4/6/8/10
	4000W Solar AC Pump System	SLP260-24*32 pcs	4000	540	380	337/262/215/135/120	2/4/6/8/10