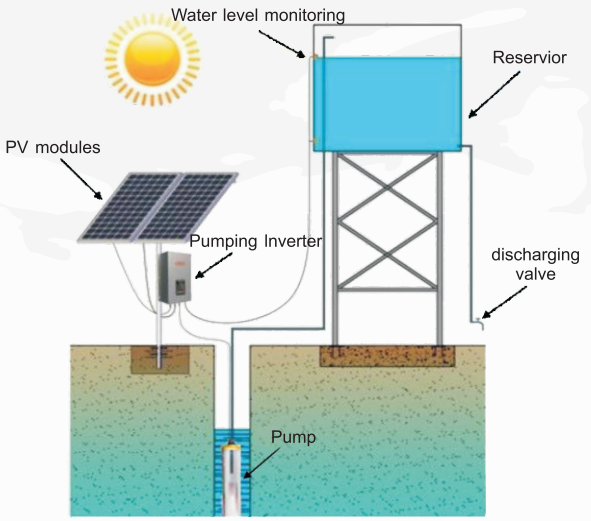
Photovoltaic pumping system (GD-P)



SYSTEM COMPOSITION

PV pumping system is mainly made up of solar panel, Pumping inverter, pump, battery and etc

SYSTEM ADVANTAGE

√	Fully automatic operation, manual unattended, save labor and labor costs
√	No need of expensive storage equipment, directly drive pump water and replace the battery with water storage
√	Photovoltaic water pump inverter control and adjust the running system, to achieve maximum power tracking (MPPT), when the sun is insufficient, it will reduce running frequency automatically, to ensure that the full use of solar power
√	Water pump inverter main circuit adopts the intelligent power module, high reliability, high conversion efficiency of 98%
√	Have complete electrical protection function, optional upper and lower water level detection and control circuit, to prevent overflow and dry extract

Photovoltaic DC water pump

Flow	Water Inlet	Water Outlet	Rotate speed
45L/min	76mm	32mm	18000r/min

	Panel Power	Pump lift	Pump Power
operating voltage 12V~18V	190W	10m	120W
	380W	20m	240W
	570W	30m	360W
operating voltage 22V~45V	840W	40m	576W
	1050W	50m	720W
	1260W	60m	864W
operating voltage 40V~90V	1855W	70m	1176W
	2120W	80m	1344W
	2385W	90m	1512W
	2650W	100m	1680W

Photovoltaic AC water pump

Solar panel peak power	Inverter power	AC pump			
		Power	Flow (m3/h)	Pump lift (m)	Piping (inch)
1.3kW	0.75kW	0.75kW	2~4	52~28	1
1.56kW	1.1kW	1.1kW	3~7	42~22	1
2.34kW	1.5kW	1.5kW	6~10	34~21	1
3.12kW	2.2kW	2.2kW	5~15	46~22	1
4.68kW	3kW	3kW	8~19	44~19	1
5.72kW	4kW	4kW	10~22	69~33	1
8.32kW	5.5kW	5.5kW	16~36	54~29	1.5
10.92kW	7.5kW	7.5kW	30~60	54~38	1.5
15.6kW	11kW	11kW	24~60	79~34	1.5
23.4kW	15kW	15kW	30~70	91~44	2

Water for life

Courtyard with fountain

Agricultural irrigation

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