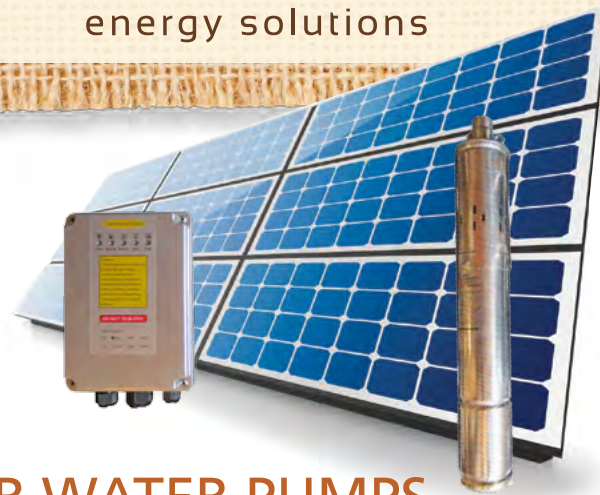


harvest

energy solutions



HARVEST SOLAR WATER PUMPS

Water is essential in agriculture. Livestock depend on it for drinking and farming requires it for growing healthy crops. Whether a remote location or supplement to agribusiness irrigation, solar water pumping is the affordable, reliable and practical way to deliver water where you need it the most.

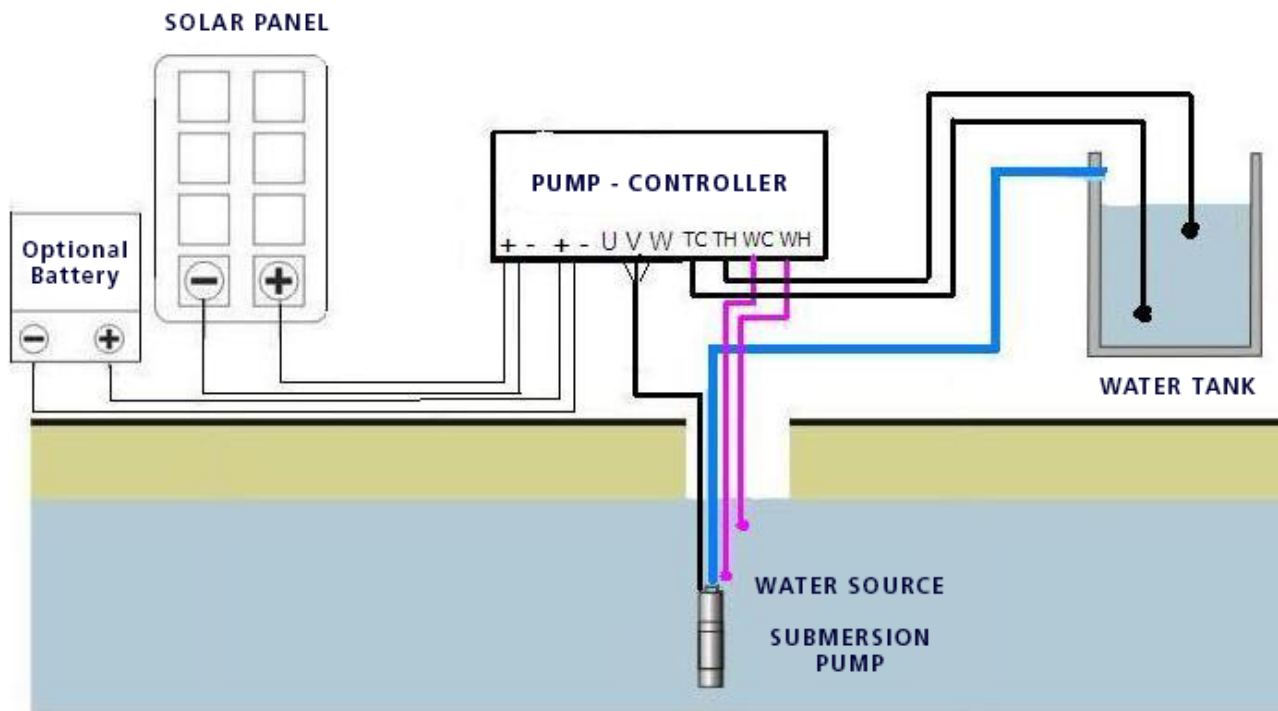
Many farmers and ranchers are finding that by using solar powered water pumps they can graze their livestock on pastures that were previously unproductive due to the inability to maintain a healthy water source. Agribusiness growers are also using solar water pumps for drip irrigation, above ground emitters, and open flood watering methods - all can be achieved or supplemented using solar water pumps.

Remote water pumping is one of the most practical and cost-effective uses of solar energy today. Solar-powered systems designed for pumping water have no moving parts, other than the pump itself, or complicated battery systems - when the sun shines, the system pumps water. Typically, water requirements peak in the summer months when available energy from the sun is most abundant. Owners of solar water pumping systems enjoy reliable water delivery that requires no fuel and very little attention.

And with the popularity of off-grid living, solar water pumps are growing in popularity in other applications such as small homes, remote cabins and emergency preparedness shelters.

"Anybody who's ever gone out to their pasture and found the water tank empty and their livestock standing around thirsty would be glad to have a system as reliable as a solar water pump system."





Harvest Solar Water Pumps

Stainless Steel DC Pumps

- Complete off-grid system
- Direct connect to solar panel
- Optional battery backup
- High efficiency, brushless DC motor
- High water shutoff when tank is full
- Low water shutoff to prevent dry pump

Polycrystalline Solar Panels

- Direct connect to well pump
- High efficiency solar panels
- Optional battery backup
- Solar tree ground mounts or roof mounts

Incentives: Capital costs for solar electric systems are eligible for the 30% Federal Tax Credit and Accelerated Depreciation benefits. Other benefits may be available in your location. Check with your accountant to see if you qualify.

Each Harvest Solar Water Pump Kit comes with:

- Solar Pump
- Pump Controller
- Solar Modules
- Solar Support Structures
- Wiring and Accessories
- Installation Manual
- Toll-Free Access to Customer Support: 877-788-0220

If you're looking for quality Solar DC pumps that can work 100% off grid, you've come to the right place. Harvest Energy Solutions gives you the attention and personal service you've come to expect and enjoy. We offer the best in solar DC pumps, solar energy systems and other energy efficient agriculture products.

Harvest Code#	PUMP TYPE	VOLTAGE	PUMP POWER (w)	SOLAR POWER (w) - # Panels	MAXFLOW (L/pm)	MAXFLOW (US Gallons)	MAXHEAD (m)	MAXHEAD (Ft)	DIAMETER (mm)	OUTLET (inch)
HES - #4	JS3-0.9-32	24	100	260 w - 1 panel	15	3.96	32	104	76	0.75
HES - #6	JS3-1.8-60	24	180	520 w - 2 panels	30	7.92	60	196	76	0.75
HES - #8	JS3-2.1-120	24	540	1040 w - 4 panels	35	9.2	120	393	76	0.75
HES - #10	JS4-3.8-96	48	1000	1560 w - 6 panels	63	16.6	98	321	100	1.25

Let us put our experience to work for you - go to HarvestEnergySolutions.com for more info.



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Harvest Solar Pumps-06.23.2015