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.

<table>
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<tr>
<th>Harvest Code#</th>
<th>PUMP TYPE</th>
<th>VOLTAGE</th>
<th>PUMP POWER (w)</th>
<th>SOLAR POWER (w) - # Panels</th>
<th>MAXFLOW (L/pm)</th>
<th>MAXFLOW (US Gallons)</th>
<th>MAXHEAD (m)</th>
<th>MAXHEAD (Ft)</th>
<th>DIAMETER (mm)</th>
<th>OUTLET (inch)</th>
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<tr>
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<td>JS3-0.9-32</td>
<td>24</td>
<td>100</td>
<td>260 w - 1 panel</td>
<td>15</td>
<td>3.96</td>
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<td>104</td>
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<td>0.75</td>
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<td>520 w - 2 panels</td>
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<td>16.6</td>
<td>98</td>
<td>321</td>
<td>100</td>
<td>1.25</td>
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</table>

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.

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