

- Powered by solar energy, no need power grid support;
- Automatic operation, maintenance free;
- Easy to install and move, high universality;
- Clean and green, high economic benefits.



Solar Pumping Systems

Solar pump is a pumping device powered by solar energy, which consists of solar pumping inverter and pump, and is mainly applied for agriculture irrigation, desert control, pasture animal husbandry, city waterscape, seawater desalination and living water supply etc.



Definition of Solar Pump Model:



| Solartech Solar Pump Product List | | | | | | | |
|-----------------------------------|---------------|---------------------|-------------------------------------|----------------------|--------------------|----------------------------------|-------------------------|
| Model | Input | Adapting Water Head | Daily Water Supply | Outlet Internal Dia. | Adapting Well Dia. | Recommended Open Circuit Voltage | Recommended MPP Voltage |
| SP4370010 | 3PH 220V 50Hz | 27m-35m | 10m ³ -7.5m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4370015 | 3PH 220V 50Hz | 20m-27m | 15m ³ -10m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4550010 | 3PH 220V 50Hz | 37m-52m | 10m ³ -7.5m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4550015 | 3PH 220V 50Hz | 28m-37m | 15m ³ -10m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4550030 | 3PH 220V 50Hz | 15m-24m | 30m ³ -15m ³ | 40mm 1"1/2G | 100mm | 350-430VDC | 280-350VDC |
| SP4750010 | 3PH 220V 50Hz | 45m-61m | 10m ³ -7.5m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4750015 | 3PH 220V 50Hz | 41m-55m | 15m ³ -10m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP4750030 | 3PH 220V 50Hz | 19m-29m | 30m ³ -15m ³ | 40mm 1"1/2G | 100mm | 350-430VDC | 280-350VDC |
| SP4750050 | 3PH 220V 50Hz | 8m-15m | 50m ³ -30m ³ | 50mm 2"G | 100mm | 350-430VDC | 280-350VDC |
| SP4750070 | 3PH 380V 50Hz | 6m-7m | 70m ³ -50m ³ | 50mm 2"G | 100mm | 625-750VDC | 500-600VDC |
| SP41K1010 | 3PH 220V 50Hz | 55m-69m | 10m ³ -7.5m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP41K1015 | 3PH 220V 50Hz | 54m-73m | 15m ³ -10m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |
| SP41K1030 | 3PH 220V 50Hz | 27m-43m | 30m ³ -15m ³ | 40mm 1"1/2G | 100mm | 350-430VDC | 280-350VDC |
| SP41K1050 | 3PH 220V 50Hz | 12m-23m | 50m ³ -30m ³ | 50mm 2"G | 100mm | 350-430VDC | 280-350VDC |
| SP41K1070 | 3PH 220V 50Hz | 8m-12m | 70m ³ -50m ³ | 50mm 2"G | 100mm | 350-430VDC | 280-350VDC |
| SP41K5010 | 3PH 220V 50Hz | 73m-95m | 10m ³ -7.5m ³ | 30mm 1"1/4G | 100mm | 350-430VDC | 280-350VDC |