SunRotor®
Solar Products
www.sunrotor.com
1(866) 246-7652

SR-10

Helical Rotor Submersible Solar Pump

- Nominal 48 volt operation
- Usable voltage range 24-48 volts
- Power range 570 watts to 1140 watts
- Solar, battery or a combination
- Maximum functional lift capability of 225 ft (68.5 m)
- Max flow at 100 ft (30 m) is 10.5 gallons/min (39.75 liters/min) with 570 watts and 48 volts PV input
- Highly reliable, single moving part progressive cavity technology
- Readily repairable in the field
- 1 inch FNPT output

- Designed for submersible operation up to 100 ft
- 4" diameter (102 mm) fits 4.5" (114 mm) casing
- Light weight - 18 pounds (8.16 kg)
- Submersible motor protected from ambient water by oil filled jacket (food grade oil protects potable water source if vessel is compromised)
- Brushless DC motor technology avoids conventional DC brush maintenance and replacement
- All electronics are mounted above ground for longer life and easy access
- Entire pump body is stainless steel to comply with all local code and pump installation requirements
- CE certified
- ISO 9001

SRC-M100T

DC Input Controller

- State of the art controller electronics contained in NEMA standard conduit connection box
- Clear cover allows visible inspection of connections and of LED status lights
- Linear current boosting feature converts excess voltage into amperage
- Wide operational range with max input voltage tolerance of 100 volts (DC)
- Battery or solar capabilities with low voltage cutoff for battery protection
- Wired for low water cutoff and for tank-full float cutoff switches
- Fully adjustable speed control is easily accessed through a hinged, snap hasp cover
- Housed in a highly durable metal box with cooling fins cast in the back
- Dimensions: 12" (30.5 cm) x 4.5" (11.4 cm) x 8" (20.3 cm)

The follow page lists the pump curves for each panel configuration. Do not exceed the depth listed for each configuration, as it can damage the pump and void the warranty.

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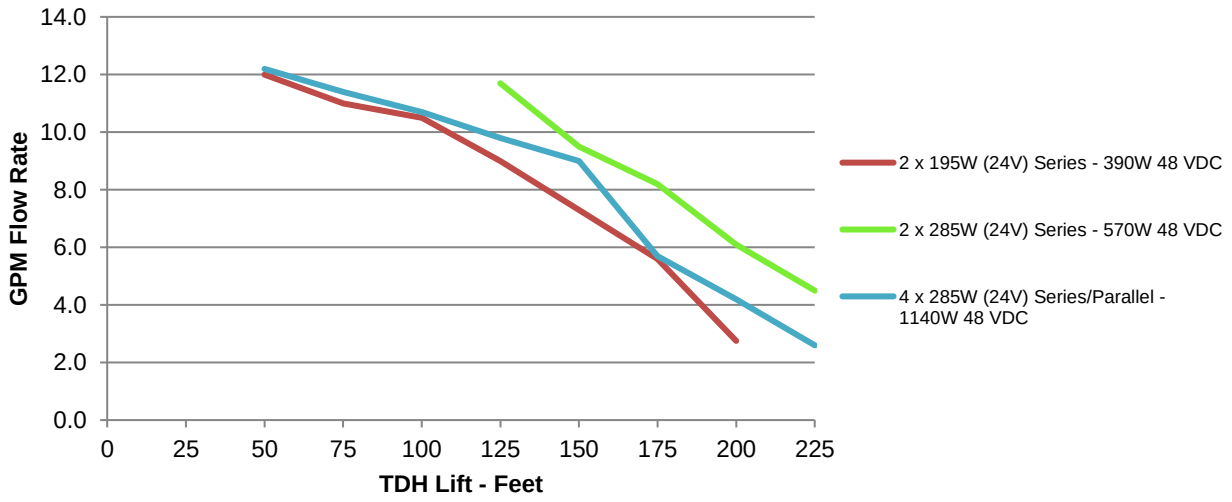
2 Year Warranty Outside the U.S.
5 Year Total Warranty for Customers in the U.S./Canada

- *2 years at full replacement cost*
- *3 years declining (60%, 40%, 20% of the original purchase price)*

SunRotor® SR-10 Solar Pump
SRC-M100T Controller



				TDH Lift - Feet / GPM Flow Rate									
Panels	Configuration	Watts	Voltage	0	25	50	75	100	125	150	175	200	225
2	285 W (24V) Series	570	48 VDC			12.0	11.0	10.5	9.0	7.3	5.6	2.8	
2	330 W (24V) Series	660	48 VDC						11.7	9.5	8.2	6.1	4.5
4	285 W (24V) Series/Parallel*	1140	48 VDC			12.2	11.4	10.7	9.8	9.0	5.7	4.2	2.6

				Amperage									
Panels	Configuration	Watts	Voltage	0	25	50	75	100	125	150	175	200	225
2	285 W (24V) Series	570	48 VDC			5.5	6.7	7.6	8.1	8.1	8.1	8.1	
2	330 W (24V) Series	660	48 VDC						8.4	8.4	8.5	8.5	8.5
4	285 W (24V) Series/Parallel*	1140	48 VDC			6.0	7.0	8.0	8.8	9.7	8.1	8.2	8.2

10 gauge wire 8 gauge wire

** Contact us to learn more about the advantages of our higher wattage panel configurations for those in areas that average less than 5 peak sun hours daily*