



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

## SR-10

### Helical Rotor Submersible Solar Pump



- Nominal 48 volt operation
  - Usable voltage range 48-110 volts
  - Power range 370 watts to 2320 watts
  - Solar, battery or a combination
  - Maximum functional lift capability of 300 ft (91 m)
  - Max flow at 100 ft (30 m) is 7.4 gallons/min (28 liters/ min) with 351 watts and 76.3 volts PV input
  - Highly reliable, single moving part progressive cavity technology
  - Readily repairable in the field
  - 1 inch FNPT output
- Submersion limit of 100 ft below static water level (ex: 100 ft submersion + 50 ft static water level: 150 ft)
  - 4" diameter (102 mm) fits 4.5" (114 mm) casing
  - Light weight - 23 pounds (10.4 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.*

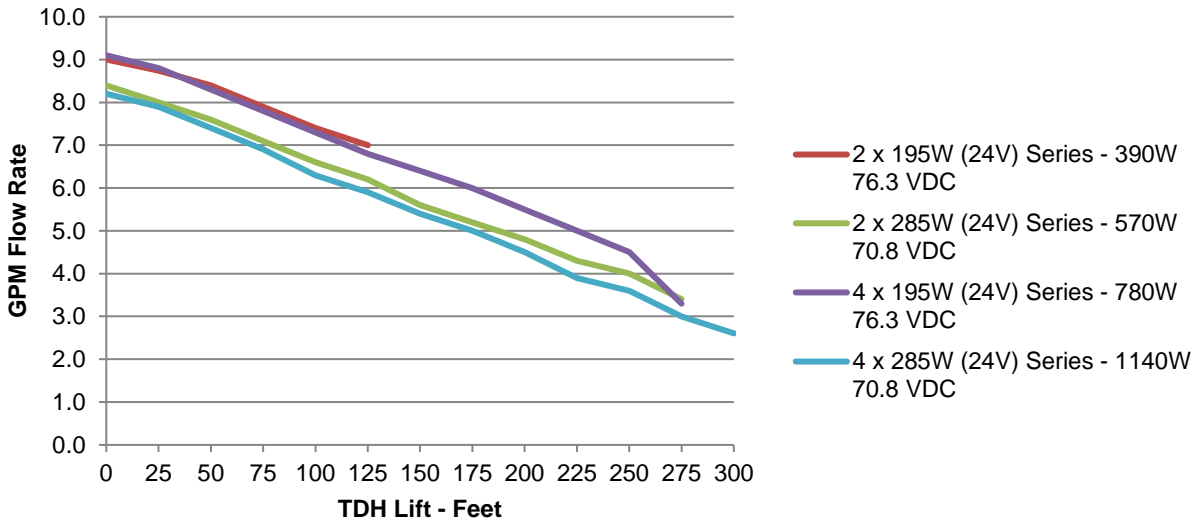


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**2 Year Warranty Outside the U.S.**  
**5 Year Total Warranty for**  
**Customers in the U.S./Canada**

- 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	Nominal Voltage	0	25	50	75	100	125	150	175	200	225	250	275	300			
2	195 W (24V) Series	390	76.3 VDC	9.0	8.7	8.4	7.9	7.4	7.0										
2	285 W (24V) Series	570	70.8 VDC	8.4	8.0	7.6	7.1	6.6	6.2	5.6	5.2	4.8	4.3	4.0	3.4				
4	195 W (24V) Series/Parallel	780	76.3 VDC	9.1	8.8	8.3	7.8	7.3	6.8	6.4	6.0	5.5	5.0	4.5	3.3				
4	285 W (24V) Series/Parallel*	1140	70.8 VDC	8.2	7.9	7.4	6.9	6.3	5.9	5.4	5.0	4.5	3.9	3.6	3.0	2.6			

				Amperage															
Panels	Configuration	Watts	Nominal Voltage	0	25	50	75	100	125	150	175	200	225	250	275	300			
2	195 W (24V) Series	370	76.3 VDC	2.0	2.8	3.4	4.0	4.6	5.1										
2	285 W (24V) Series	580	70.8 VDC	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9	6.5	7.1	7.5	7.9				
4	195 W (24V) Series/Parallel	740	76.3 VDC	1.8	2.2	2.9	3.7	4.3	4.9	5.4	6.0	6.6	7.2	7.2	7.2				
4	285 W (24V) Series/Parallel	1160	70.8 VDC	2.0	2.6	2.9	3.5	4.1	4.6	5.2	5.8	6.3	6.9	7.3	8.0	8.6			

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