



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

SR-26

Centrifugal Submersible Solar



- Nominal 48 volt operation
 - Usable voltage range 24-48 volts
 - Power range 285 watts to 1140 watts
 - Solar, battery, or a combination
 - Maximum functional lift capability of 100 ft (30.5 m)
 - Max flow at surface level is 32.6 GPM (123.4 LPM) with 556.4 watts and 70.8 volts PV nominal input
 - Durable stainless steel impellers
 - 6 impeller stages
 - 1.25 inch (32 mm) FNPT output port
- Submersion limit of 100 ft below static water level (ex: 100 ft submersion + 50 ft static water level: 150 ft)
 - 21 inches in height (53.3 cm)
 - 4 inch diameter (102 mm) fits 4.5 inch (114 mm) casing
 - Weighs 19.5 pounds (8.85 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.

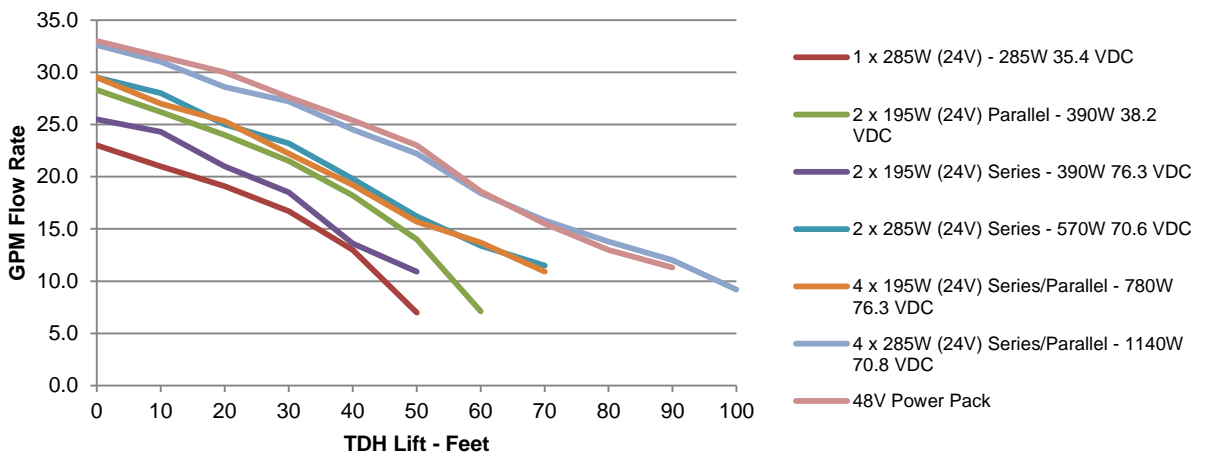


SUNROTOR®
Solar Products
 www.sunrotor.com
 1(866) 246-7652

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-26 Centrifugal Pump
 SRC-M100T DC Input Controller
 (2" Pipe)**



Panels	Configuration	Watts	Nominal Voltage	TDH Lift - Feet / GPM Flow Rate											
				0	10	20	30	40	50	60	70	80	90	100	
1	285 W (24V)	285	35.4 VDC	23.0	21.0	19.1	16.7	13.0	7.0						
2	195 W (24V) Parallel	390	38.2 VDC	28.3	26.2	24.0	21.5	18.2	14.0	7.1					
2	195 W (24V) Series	390	76.3 VDC	25.5	24.3	21.0	18.5	13.6	10.9						
2	285 W (24V) Series	570	70.8 VDC	29.5	28.0	25.0	23.2	19.8	16.2	13.4	11.5				
4	195 W (24V) Series/Parallel	780	76.3 VDC	29.5	27.0	25.3	22.2	19.2	15.7	13.7	10.9				
4	285 W (24V) Series/Parallel*	1140	70.8 VDC	32.6	31.0	28.6	27.2	24.5	22.2	18.4	15.8	13.8	12.0	9.2	
0	48V PowerPack**	N/A	48 VDC	33.0	31.5	30.0	27.6	25.4	23.0	18.6	15.5	13.0	11.3		
				Amperage											
Panels	Configuration	Watts	Nominal Voltage	0	10	20	30	40	50	60	70	80	90	100	
1	285 W (24V)	285	35.4 VDC	8.1	8.1	8.1	8.1	8.1	7.7						
2	195 W (24V) Parallel	390	38.2 VDC	9.4	9.4	9.7	9.8	9.8	9.3	8.5					
2	195 W (24V) Series	390	76.3 VDC	5.1	5.1	5.1	5.1	5.1	5.1						
2	285 W (24V) Series	570	70.8 VDC	5.9	5.9	5.9	5.9	5.9	6.0	6.0	5.9				
4	195 W (24V) Series/Parallel	780	76.3 VDC	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4				
4	285 W (24V) Series/Parallel	1140	70.8 VDC	8.0	8.0	8.0	7.9	8.0	8.0	8.0	8.0	7.8	8.0	8.0	
0	48V PowerPack	N/A	48 VDC	11.3	11.5	11.6	11.5	11.5	11.6	11.3	10.9	10.9	10.8		

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

**Not intended for continuous 24/7 use. Subsequently, our warranty on battery-only systems are as follows: 1 year full replacement, and 18 months declining every 6 months (60%, 40%, 20%)