



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

SR-26

Centrifugal Submersible Solar Pump w/ 2" Pipe



- 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 1140 watts and 48 volts PV nominal input
 - Durable stainless steel impellers
 - 6 impeller stages
 - 1.25 inch (32 mm) FNPT output port
- Designed for submersible operation up to 100 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 (vegetable based 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

24-48 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
- MPPT and current booster technology incorporated
- 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.

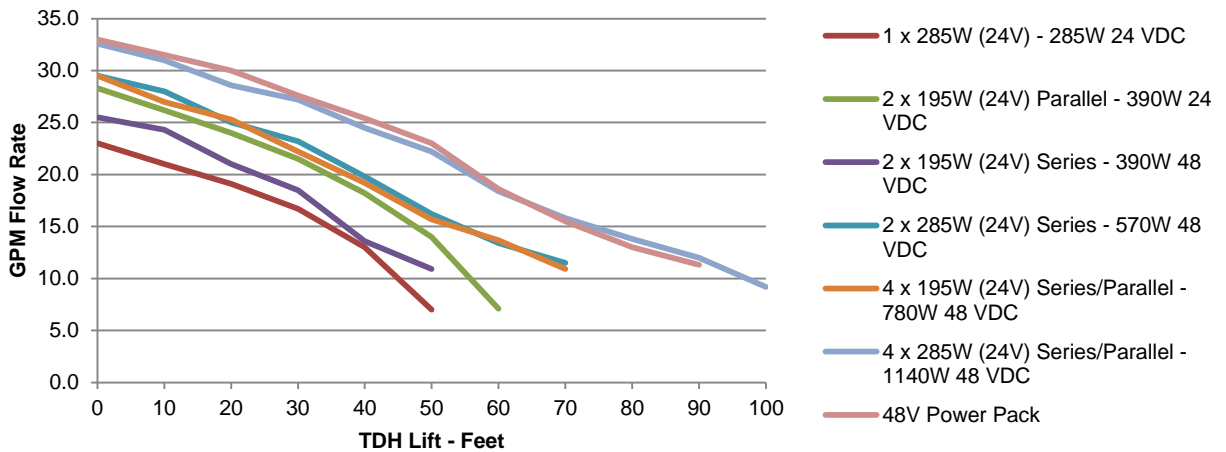


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2 Year Warranty Outside the U.S.
5 Year Total Warranty for
Customers in the U.S./Canada

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

**SunRotor® SR-26 Centrifugal Pump
 SRC-M100T DC Input Controller
 With 2 inch Pipe**



		TDH Lift - Feet / GPM Flow Rate													
Panels	Configuration	Watts	Voltage	0	10	20	30	40	50	60	70	80	90	100	
1	285 W (24V)	285	24 VDC	23.0	21.0	19.1	16.7	13.0	7.0						
2	195 W (24V) Parallel	390	24 VDC	28.3	26.2	24.0	21.5	18.2	14.0	7.1					
2	195 W (24V) Series	390	48 VDC	25.5	24.3	21.0	18.5	13.6	10.9						
2	285 W (24V) Series	570	48 VDC	29.5	28.0	25.0	23.2	19.8	16.2	13.4	11.5				
4	195 W (24V) Series/Parallel	780	48 VDC	29.5	27.0	25.3	22.2	19.2	15.7	13.7	10.9				
4	285 W (24V) Series/Parallel*	1140	48 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	Voltage	0	10	20	30	40	50	60	70	80	90	100	
1	285 W (24V)	285	24 VDC	8.1	8.1	8.1	8.1	8.1	7.7						
2	195 W (24V) Parallel	390	24 VDC	9.4	9.4	9.7	9.8	9.8	9.3	8.5					
2	195 W (24V) Series	390	48 VDC	5.1	5.1	5.1	5.1	5.1	5.1						
2	285 W (24V) Series	570	48 VDC	5.9	5.9	5.9	5.9	5.9	6.0	6.0	5.9				
4	195 W (24V) Series/Parallel	780	48 VDC	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4				
4	285 W (24V) Series/Parallel	1140	48 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%)