



**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
  - 1.50 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 (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.*

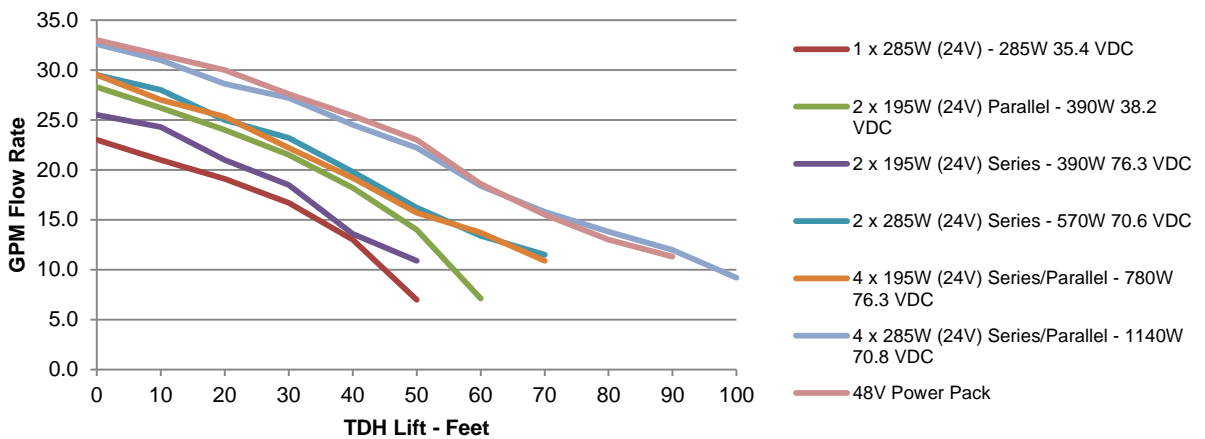


**SUNROTOR®**  
**Solar Products**  
 www.sunrotor.com  
 1(866) 246-7652

**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)**



TDH Lift - Feet / GPM Flow Rate														
Panels	Configuration	Watts	Nominal Voltage	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	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				
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%)