

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

SR-26

Centrifugal Submersible Solar Pump w/ 1" 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 30.2 GPM (114.3 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

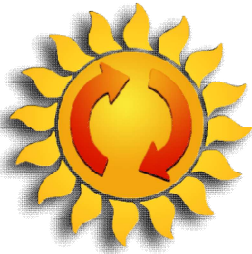


SRC-M100T

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.

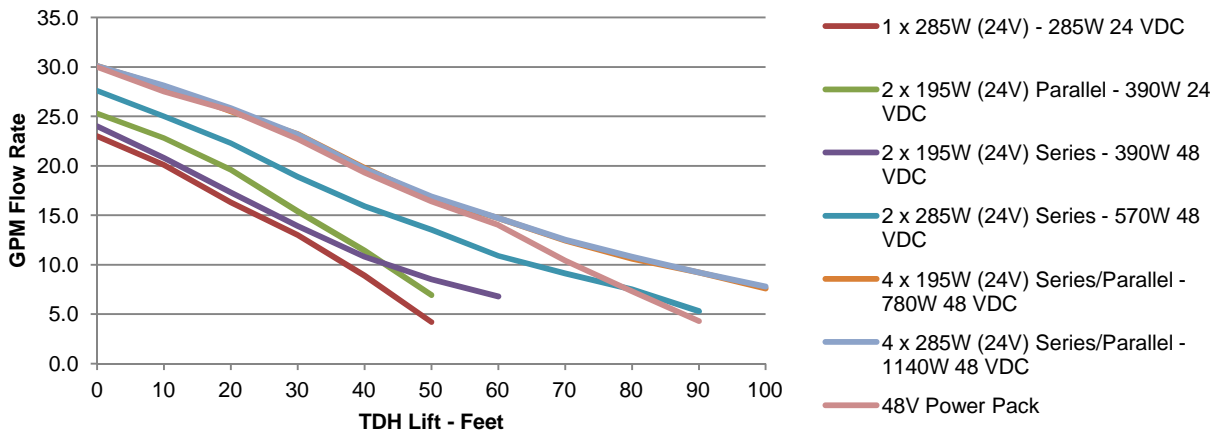


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2 Year Warranty Outside the U.S.
5 Year Total Warranty for
Customers in the U.S./Canada

- 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 1 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 | 20.1 | 16.3 | 13.0 | 8.9 | 4.2 | | | | | |
| 2 | 195 W (24V) Parallel | 390 | 24 VDC | 25.3 | 22.8 | 19.6 | 15.4 | 11.4 | 6.9 | | | | | |
| 2 | 195 W (24V) Series | 390 | 48 VDC | 24.0 | 20.8 | 17.3 | 13.9 | 10.8 | 8.5 | 6.8 | | | | |
| 2 | 285 W (24V) Series | 570 | 48 VDC | 27.6 | 25.0 | 22.3 | 18.9 | 15.9 | 13.5 | 10.9 | 9.1 | 7.5 | 5.3 | |
| 4 | 195 W (24V) Series/Parallel | 780 | 48 VDC | 30.1 | 28.0 | 25.5 | 23.2 | 19.8 | 16.7 | 14.7 | 12.4 | 10.6 | 9.2 | 7.6 |
| 4 | 285 W (24V) Series/Parallel* | 1140 | 48 VDC | 30.1 | 28.1 | 25.8 | 23.2 | 19.7 | 16.9 | 14.7 | 12.5 | 10.8 | 9.2 | 7.8 |
| 0 | 48V PowerPack** | N/A | 48 VDC | 30.0 | 27.5 | 25.6 | 22.7 | 19.3 | 16.4 | 14.0 | 10.4 | 7.3 | 4.3 | |
| | | | | 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 | 8.1 | | | | | |
| 2 | 195 W (24V) Parallel | 390 | 24 VDC | 8.9 | 9.0 | 9.2 | 8.9 | 8.2 | 7.0 | | | | | |
| 2 | 195 W (24V) Series | 390 | 48 VDC | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | | | | |
| 2 | 285 W (24V) Series | 570 | 48 VDC | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | |
| 4 | 195 W (24V) Series/Parallel | 780 | 48 VDC | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 7.2 |
| 4 | 285 W (24V) Series/Parallel | 1140 | 48 VDC | 8.1 | 8.2 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.2 |
| 0 | 48V PowerPack | N/A | 48 VDC | 11.4 | 11.5 | 11.7 | 11.5 | 11.4 | 11.3 | 11.1 | 10.1 | 9.0 | 7.8 | |

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%)