



SR-16

Centrifugal Submersible Solar Pump



- Nominal 48-96 volt operation
 - Usable voltage range 48-110 volts
 - Power range 370 watts to 1750 watts
 - Will fit a 4" well casing
 - Solar, battery or a combination
 - Maximum functional lift capability of 375 ft (118 m)
 - Max flow at 100 ft (30 m) is 14.1 gallons/min (56.0 liters/min) with 1110 watts and 72 volts PV nominal input
 - Corrosion proof, composite impellers
 - 16 impeller stages
 - 1.25 inch (31 mm) FNPT output
 - CE certified
 - ISO 9001
- Designed for submersible operation
 - Light weight - 23 pounds (10.4 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



SunRotor® Controllers

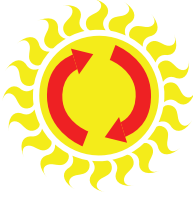
24-48 VDC Input Controller

48-72 VDC Input Controller

72-96 VDC Input Controller

- State of the art controller electronics contained in NEMA standard conduit connection box
- Clear cover allows visible inspection of connections and of indicator LED status lights
- MPPT and current booster technology incorporated
- Wide operational range with max input VOC tolerance of 100-200 volts (DC)
- Nominal input 24-96 volts (DC)
- Battery or solar mode with low voltage cutoff for battery protection
- All electronics are set above ground and protected from weather elements
- 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
- SunRotor® Controllers comes in a highly durable metal box with cooling fins cast on the back





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

2 Year Warranty Outside the U.S.

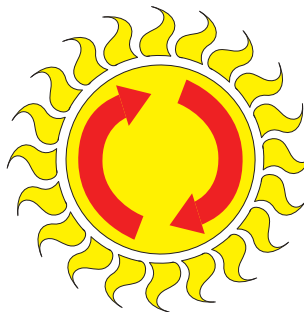
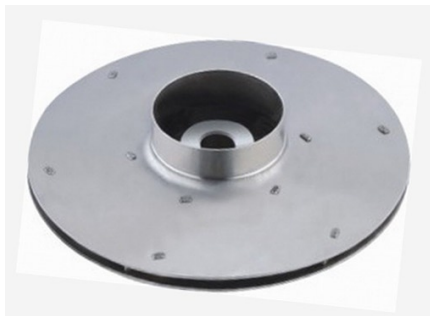
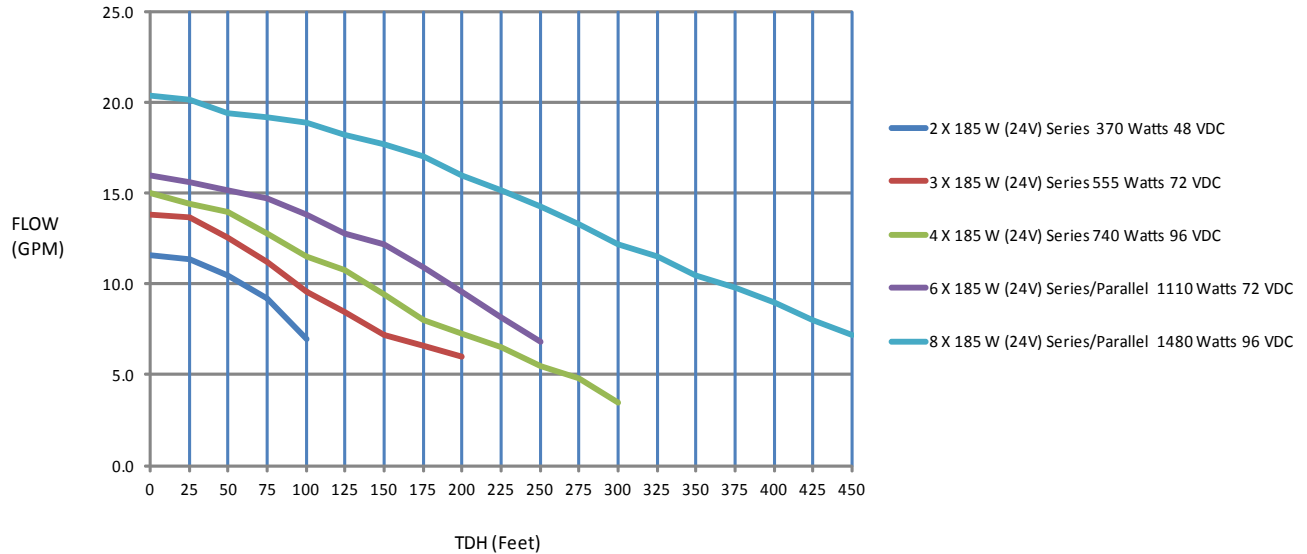
**5 Year Total Warranty for
 Customers in the U.S.**

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

Solar Panel: Number, Size and Configuration	Total Array Wattage	Nominal Voltage	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	Feet
2 X 185 W (24V) Series	370 Watts	48 VDC	11.6	11.4	10.5	9.2	7.0															GPM
3 X 185 W (24V) Series	555 Watts	72 VDC	13.8	13.7	12.6	11.2	9.6	8.5	7.2	6.6	6.0											
4 X 185 W (24V) Series	740 Watts	96 VDC	15.0	14.4	14.0	12.8	11.5	10.8	9.4	8.0	7.3	6.5	5.5	4.8	3.5							
6 X 185 W (24V) Series/Parallel	1110 Watts	72 VDC	16.0	15.6	15.2	14.7	13.8	12.8	12.2	10.9	9.6	8.2	6.8									
8 X 185 W (24V) Series/Parallel	1480 Watts	96 VDC	20.4	20.2	19.4	19.2	18.9	18.2	17.7	17.0	16.0	15.2	14.3	13.3	12.2	11.5	10.5	9.8	9.0	8.0	7.2	

SR-16 Centrifugal Submersible Solar Pump

SunRotor SR-16 Flow Chart



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