



**SUNROTOR**<sup>®</sup>  
Solar Products

www.sunrotor.com  
1(866) 246-7652

## SRDI-36

Deep Well Dual Source with Integrated Controller



- Helical Rotor design
- 900 feet (275 meters) max depth produces 3 GPM (11.3 lpm)
- Integrated Controller housed within the pump body for maximum efficiency
- Usable input voltage range 60-370 volts DC or single phase AC
- Power range of 250 to 840 watts
- Highly reliable, single moving part progressive cavity technology
- Helical rotor replaceable in field
- Pump head and motor are repairable and rebuildable by Sunrotor
- 1 inch FNPT output must be used
- Integrated low water cutoff
- Submersion limit of 400 ft below static water level
- 51.25 inches in height (130.2 cm)
- 3.9 inch diameter (53 mm) fits 4 inch (57 mm) casing
- 29.5 lbs (13.4 kg)
- Submersible motor protected from ambient water by water filled jacket
- Brushless DC motor technology avoids conventional DC brush maintenance and replacement
- Optional EZ Connect Generator and integrated float/pressure switch kits available



*The following page lists the pump curve for the recommended panel configuration. Do not exceed the depth listed for each configuration, as it can damage the pump and void the warranty*



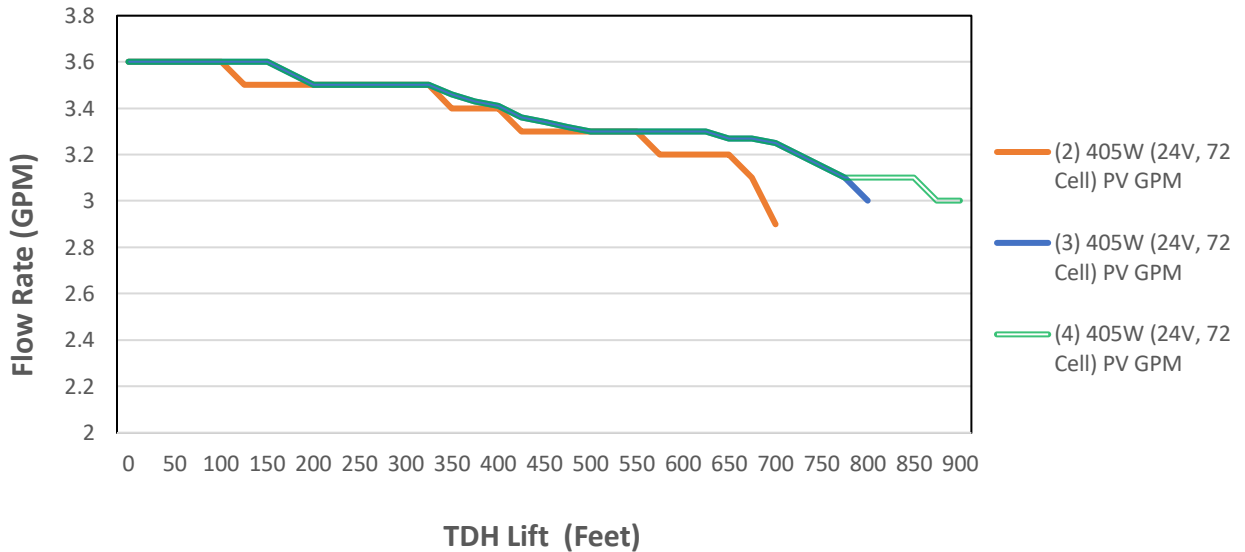


**SUNROTOR®**  
**Solar Products**  
 www.sunrotor.com  
 1(866) 246-7652

5 Year Total Warranty

- 2 years at full replacement cost
- 3 years of descending cost coverage (60%, 40%, 20% cost)

## SunRotor SRDI-36 Deep Well Helical Rotor Pump



TDH (feet)	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450
810W Draw (Amps)	2.9	3.0	3.3	3.5	3.7	3.9	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.3	6.6	6.8
810W Flow Rate (GPM)	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
1215W Draw (Amps)	1.9	2.0	2.1	2.3	2.4	2.4	2.7	2.8	3.1	3.2	3.4	3.5	3.6	3.7	3.8	4.0	4.2	4.6
1215W Flow Rate (GPM)	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
1620W Draw (Amps)	1.4	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.2
1620W Flow Rate (GPM)	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4

TDH (feet)	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900
810W Draw (Amps)	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.7	9.0	9.0							
810W Flow Rate (GPM)	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	2.9							
1215W Draw (Amps)	4.7	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.2				
1215W Flow Rate (GPM)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.0				
1620W Draw (Amps)	3.3	3.4	3.5	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3
1620W Flow Rate (GPM)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.0

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

Pump not intended for continuous 24/7 use. Warranty on battery-only systems are reduced to 1 year full replacement and 18 months of descending cost coverage every 6 months