



# SOLAR PUMPING SOLUTIONS



[www.rotoenergy.com](http://www.rotoenergy.com)

# Solar Helical Rotor Pumping Systems

## Product Details

Ideal choice for high head and low discharge applications.  
It consumes low PV Power.



### Discharge

13 LPM - 42 LPM (0.8 m<sup>3</sup>/h - 2.5 m<sup>3</sup>/h)\*



### Head Range

Up to 300 m



### Motor power

0.5 HP - 2 HP



### Borewell Size

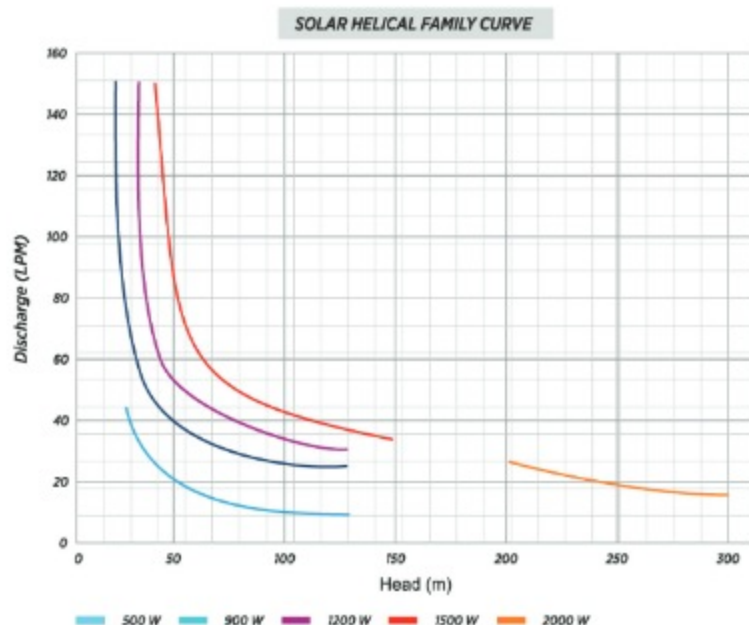
3" and above



### MOC

SS 304 or SS 316

## Performance Curve



## Product Features

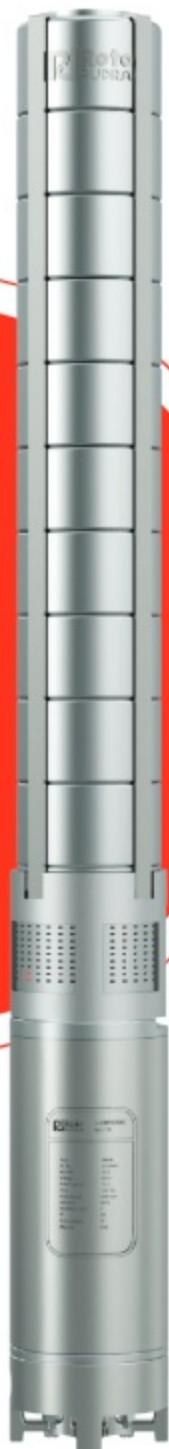
- Unique 10 pole motor design for higher efficiency and longer life
- MPPT (Maximum Power point Tracking)
- Over and under Voltage protection
- Dry run protection
- PV Surge Protection



# Solar Centrifugal Pumping Systems

## Product Details

Mainly used for high discharge applications suitable for minimum 4" bore well size



### Discharge

33 LPM – 2580 LPM (2 m<sup>3</sup>/h – 155 m<sup>3</sup>/h)\*



### Head Range

Up to 500 m



### Motor power

1HP – 50 HP



### Borewell Size

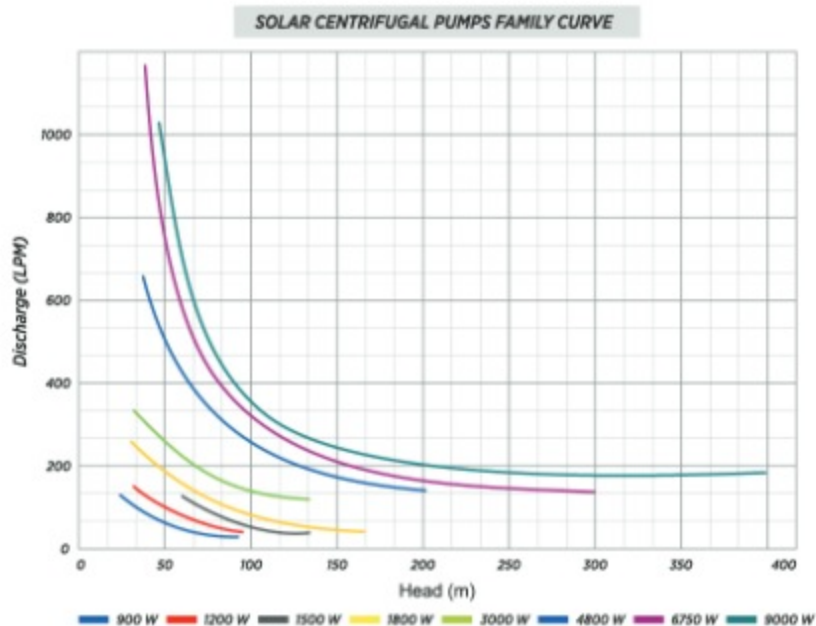
4" and above



### MOC

SS 304 F

## Performance Curve



- Reverse Polarity protection
- Thermal overload protection for controller
- Operational in Gird connectivity (Optional)
- IP 65 enclosure class allows both outdoor and indoor installation
- RMS (Remote Monitoring Systems ) for connectivity through Mobile and Laptop

## Neo Series Helical Rotor Pumps

### Product Details

Ideal choice for houses and farms consuming low photovoltaic power due to its special design.



#### Discharge

26.7 LPM (1.6 m<sup>3</sup>/h)



#### Head Range

Up to 75–100 m



#### Motor power

0.5 HP – 1 HP



#### Borewell Size

4" and above

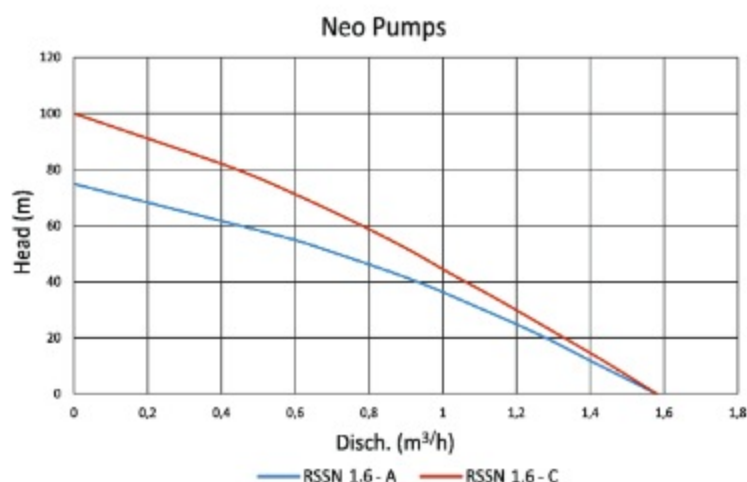


#### MOC

Stainless steel



### Performance Curve



- Compact and reliable design
- 10 -pole motor design for longer life
- Dry run protection for pump safeguard
- IP65, MPPT, LCD display, Over and under voltage protection in controller

# Solar Surface Helical Rotor Pumps

## Product Details

Engineered for high-pressure applications without sacrificing flow.



### Discharge

Up to 42 LPM (2.5 m<sup>3</sup>/h)



### Head Range

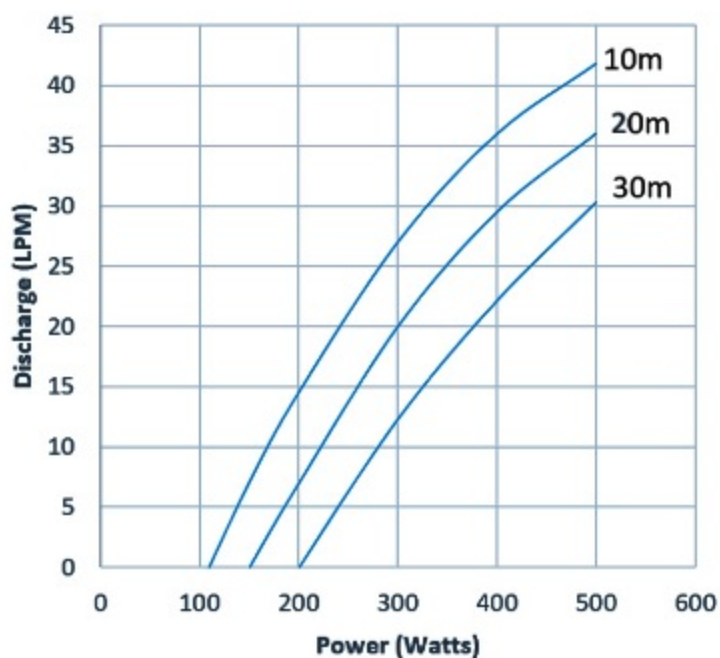
Upto 30m



### Motor power

0.5 Hp

## Performance Curve



- Light Weight
- Portable Solution
- Pressure Up to 30m
- Excellent suction lift capabilities
- Low shear and Linear flow
- Can handle liquid with fine solids
- Progressive cavity type



North  
America



UK



Germany

UAE



India



Malaysia



South Africa



Australia



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