

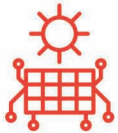


SOLAR HITECH

## Solar Pumps

*High Quality Solar Pump solutions for reduced electricity costs*

### Why Invest in Solar Pumps



#### Reliable Power supply

High quality modules to ensure continuous power supply.



#### Long Operating Life

Rugged system controller and module mounting structures.



#### Consistent Volume Discharge

Maintain high discharge volumes at various operating heads.



#### Eliminate Fuel Costs

No reliance on diesel or other fuels

### ABOUT

Solar Hitech's line of solar pump solutions is designed to ensure consistent flow of water all year long to meet various needs.

Built with an integrated set of long-lasting and supporting components, the series is customized for diverse power needs and AC/DC operations.

### KEY FEATURES

- Range of Pumps from 1HP to 10HP
- Suitable for day time irrigation, 6--8 hours of operation
- Long Life rugged Pump controller
- MPPT Tracking for maximum efficiency
- Delivery at your doorstep
- Simple Installation and no maintenance
- 25 Years Module;1 Year Pump warranty



SOLAR HITECH

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## Pump Features



- Made from high quality Stainless Steel and stays rust free when in touch with water
- Indigenous design so easy availability of spare parts
- More efficient as it draws lower current
- Backed by a nationwide service network
- As per MNRE specifications of Government of India
- Widest range of pumps from 0.5HP to 300HP with heads upto 500 meters

### SOLAR HITECH SUBMERSIBLE PUMPS(DC)

HP	Solar Panel Wattage	Solar Hitech Pumping System Model	Head Range (Mtr)	Flow Range Litres Per day
1	1200 Wp	JN1200DC	30 - 35	54000 - 25200
2	1800 Wp	JN1800DC	30 - 35	66000 - 32400
3	3000 Wp	JN3000DC	30 - 35	90000 - 54000

### SOLAR HITECH SUBMERSIBLE PUMPS(AC)

HP	Solar Panel Wattage	Solar Hitech Pumping System Model	Head Range (Mtr)	Flow Range Litres Per day
1	1200 Wp	JN1200AC	20 - 40	54000 - 24000
2	2000 Wp	JN2000AC	20 - 45	92000 - 47000
3	3000 Wp	JN3000AC	30 - 45	110000 - 81000
5	5000 Wp	JN5000AC	30 - 45	152000 - 120600
7.5	7500 Wp	JN7500AC	30 - 45	180000 - 160000
10	10000 Wp	JN10000AC	30 - 45	385000 - 318000

## Pump Controller Features

- High quality Variable Frequency Drives (VFD) for motors
- Auto-switch to grid power or generator, if needed
- Dry run protection and automatic switch off if low water level
- Pump load regulation for maximum solar power transfer
- Zinc plated for corrosion resistance and sunlight exposure
- LCD Display and Remote Monitoring for system diagnostics

