

*Let's celebrate the spirit*

## Pump- Set Features:



- Rugged **S.S. 304 Construction** of pump & Motor, hence non-corrosive.
- Efficient multistage stage centrifugal Pump.
- **S.S. Bowls** and **20% Glass Filled engineering plastic** used for **Impellers and Diffusers**.
- 4" (100MM) Standard Pump Size.
- **Hygienic / Potable Oil Filled Motor Design** with Pressure Balance for Deep Submergence.
- Oil Filled Motor Design for Excellent Slow Speed Bearing Lubrication.
- **VV / VF driven AC Induction Motor. (Rating : 120V / 415V 3 Ph, AC 50 Hz)**
- AC motor Means Smaller Required Wire Size and Less Voltage Drop.
- **Pump set can also be installed horizontally in the under ground water tank**
- Class F insulation.
- More hygienic & potable for drinking water.
- Suitable for clear cols fresh water (Water quality as specified in IS 8043:2002)

## Jalverter Features:



- Confirming to **IEC 61683:1999** standard requirements
- Overload Protection.
- Overvoltage Protection.
- Under voltage Protection.
- Short Circuit Protection.
- **Maximum Power Point Tracking (MPPT) for Optimum Solar Performance.**
- **Dual Mode Unit (Add On / Optional Accessory inbuilt)** AC and DC Power Supply Inputs from almost any Source (Solar, Grid, Generator, and Batteries.) In the event of absence of sunlight due to night / dark clouds, system can be run on Single phase / 3 PH 50 Hz AC input with wide operating voltage range.
- **Sensor less, Electronic Dry Run Protection.**
- **Automatic start and shut off** as per solar intensity
- **Soft start controlling in rush current**, so motor burning possibility totally eliminated.
- Phase imbalance protection.
- Will not restart automatically for faults like dry run, phase imbalance, output short circuit; unless attended.
- **Visual LCD display.**
- **Programmable on site.**