



## FLINFLOW SOLAR PUMP INVERTER

High Efficiency | Customizable | In-Built MPPT Solar Charger

- Built-in high efficiency MPPT solar charge controller
- Supports three-phase asynchronous motor
- Built-in full protection and self-diagnosis
- Soft start function prevents water hammer effect and extends system lifecycle.
- Built-in LEDs and display screen for real-time system status and updates
- RS-485 communication port available
- Easy to install and little maintenance

### Comprehensive Display



FlinFlow solar pump inverters are designed to offer great flexibility in user operation. Inbuilt LCD screen and menu button allow users to customize power factor, voltage, current and DC voltage. You can also view operating status and power information on the LCD screen.

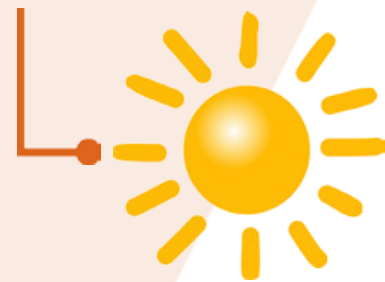
### Light Weight

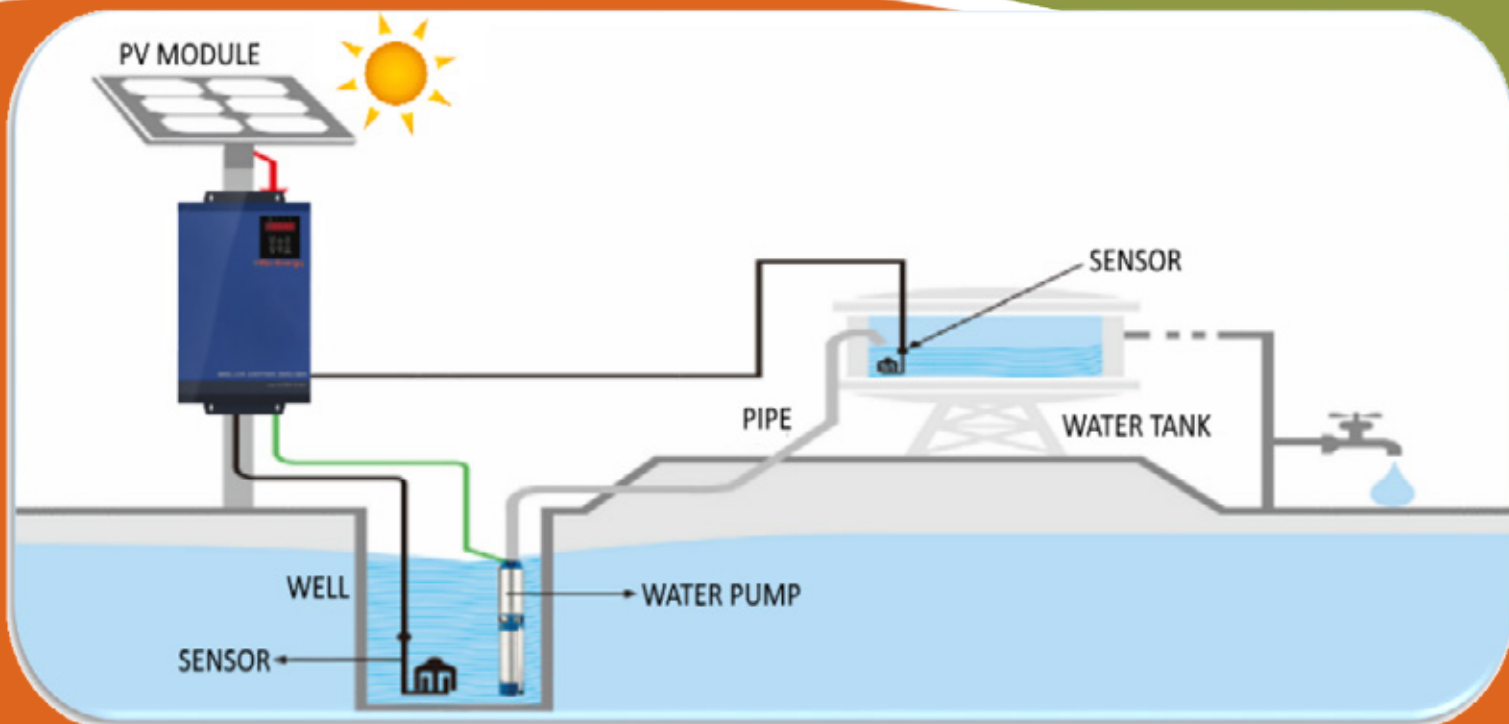


FlinFlow Solar Pump Inverters are super light weight pump inverters. They weigh only 6kg. They are aesthetically beautiful and easy to install.

### Solar Enabled

FlinFlow solar pump inverter is environment friendly with a long lifetime and low maintenance costs. It comes with built in MPPT charger to ensure that you get the best output. It optimizes the performance of pump solar inverter along the day. It starts and stops automatically based on the intensity of solar radiation.





MODEL	2.2 kW	7.5 kW	11 kW
Phase	3 Phase-in / 3 Phase-out		
Maximum PV Array	3500 W	12000 W	17600 W
Rated Output Power	2200 W	7500 W	11000 W
<b>PV INPUT DC</b>			
Maximum DC Voltage	800 VDC		
Start-up Voltage	350 VDC		
MPPT Voltage Range	500 ~ 600 VDC		
Number of MPPT Trackers	1		
<b>OUTPUT</b>			
Nominal Voltage	380 / 400 / 415 / 440 VAC, Three Phase		
Efficiency	> 97%		
Output Current	5.1 A	17 A	26 A
Motor Type	Three phase asynchronous motor		
Frequency Precision	± 0.2 %		
<b>PROTECTION</b>			
Full Protection	Over-voltage, under-voltage, over-current, surge, over temperature, short circuit protection		
Type of mechanical protection	IP20		
<b>PHYSICAL</b>			
Dimensions D x W x H (mm)	110 x 230 x 330		
Net Weight (kgs)	5.5	6	6.5
<b>INTERFACE</b>			
Communication Port	RS-232 / RS-485		
<b>ENVIRONMENT</b>			
Humidity	< 95% RH (condensing)		
Operating Temperature	-20°C to 45°C at 100% load 46°C to 60°C power derating		

Product specifications are subjected to change without further notice