



FlinFlow Solar Pump Inverter

High Efficiency | Customizable | In-Built MPPT Solar Charger



- ✦ Built-in high efficiency MPPT solar charge controller with VFD
- ✦ Supports single phase or three-phase asynchronous motor
- ✦ Built-in full protection and self-diagnosis
- ✦ Soft start function prevents water hammer effect & extends system lifecycle.
- ✦ Built-in LEDs and display screen for real-time system status and updates
- ✦ RS-485 communication port available
- ✦ Suitable for up to 20HP AC Pumps

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



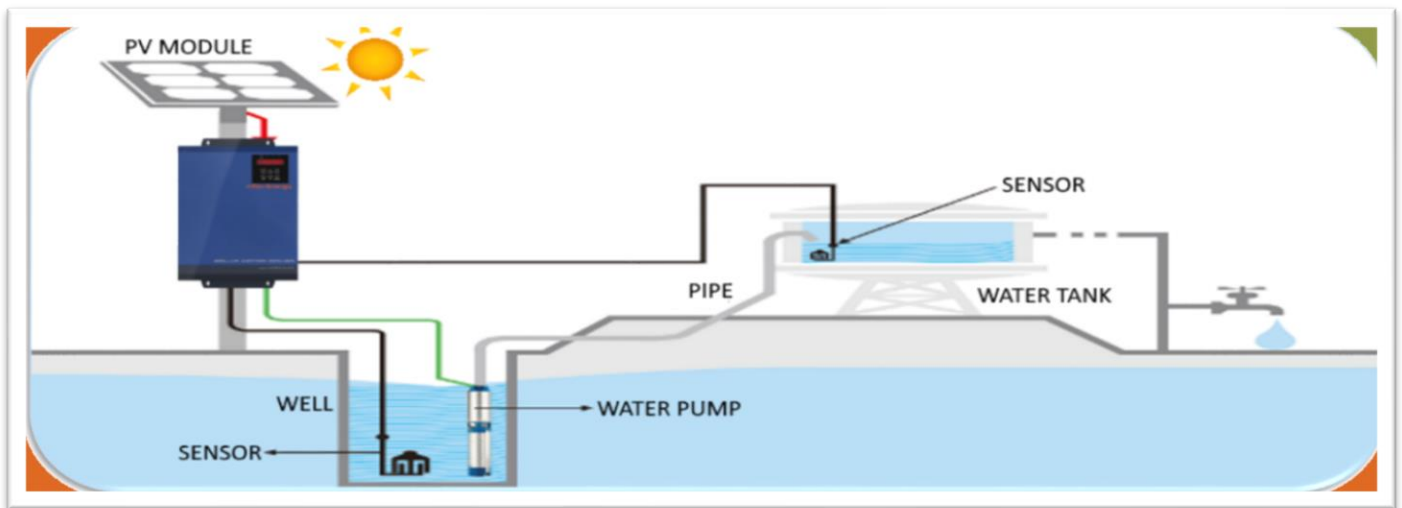
Light Weight

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

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





SPECIFICATIONS OF FLINFLOW SOLAR PUMP CONTROLLER

MODEL	2.2 kW LS	7.5 kW	11 kW	15 kW
Pump Size Supported	Up to 3HP	Up to 10HP	Up to 15HP	Up to 20HP
Motor Type	Single Phase & Three Phase		Three phase asynchronous motor	
Maximum PV Array	3500 W	12000 W	17600 W	24000 W
Rated Output Power	2200 W	7500 W	11000 W	15000 W
PV INPUT DC				
Nominal DC Voltage	330 VDC		540 VDC	
Maximum DC Voltage	450 VDC		800 VDC	
Start-up Voltage	120 VDC		250 VDC	
MPPT Voltage Range	120 ~ 420 VDC		250 ~ 780 VDC	
OUTPUT				
Nominal Voltage	Single Phase: 220/230/240 VAC Three Phase: 3 x 220/230/240 VAC		380 / 400 / 415 / 440 VAC, Three Phase	
Efficiency	> 97%			
Output Current	14A - Single Phase Asynchronous Motor 10A - Three Phase Motor	15 A	22 A	29 A
Frequency Precision	± 0.2 %			
PROTECTION				
Full Protection	Dry Pumping, Phase Lost, Over-voltage, under-voltage, over-current, surge, over temperature, short circuit protection			
Type of mechanical protection	IP20			
PHYSICAL				
Dimensions D x W x H (mm)	110 x 230 x 342			205 x 218 x 320
Net Weight (kgs)	5	6	6.5	6.5
INTERFACE				
Communication Port	RS-232 / RS-485			
ENVIRONMENT				
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