Kayam Solar

10 YEARS EXPERIENCE




# Kayam Flow 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

Flow 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.



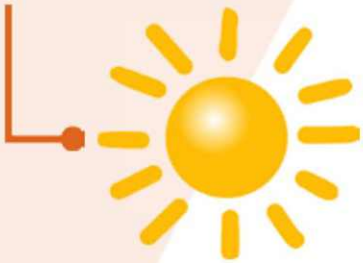
## Light Weight

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

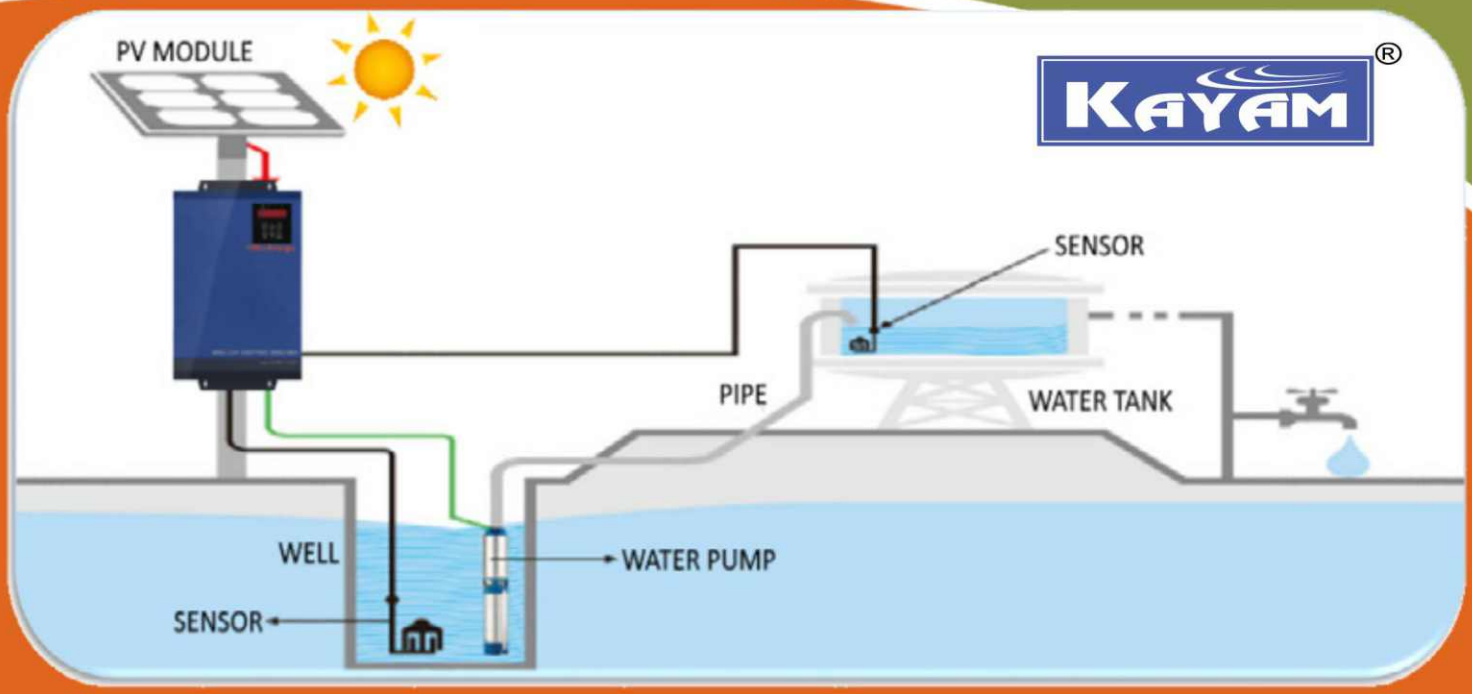


## Solar Enabled

Flow 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 |
| **PV INPUT DC** | | | |
| Maximum DC Voltage | 800 VDC | | |
| Start-up Voltage | 350 VDC | | |
| MPPT Voltage Range | 500 ~ 600 VDC | | |
| Number of MPPT Trackers | 1 | | |
| **OUTPUT** | | | |
| 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 % | | |
| **PROTECTION** | | | |
| Full Protection | Over-voltage, under-voltage, over-current, surge, over temperature, short circuit protection | | |
| Type of mechanical protectior | IP20 | | |
| **PHYSICAL** | | | |
| Dimensions D x W x H (mm) | 110 x 230 x 330 | | |
| Net Weight (kgs) | 5.5 | 6 | 6.5 |
| **INTERFACE** | | | |
| Communication Port | RS-232 / RS-485 | | |
| **ENVIRONMENT** | | | |
| Humidity | < 95% RH (condensing) | | |
| Operating Temperature | -20°C to 45°C at 100% load<br>46°C to 60°C power derating | | |

Product specifications are subjected to change without further notice

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