

iLLUMAC[®]
Pumps & Motors

SOLAR BLDC WATER PUMPS



Who We Are ?

Illumac's diligent and visionary workforce is committed for the highest quality production under a roof with an ambition to make an empire at world level.. We strive to create an environment that nurtures youth and nourishes the experienced on the bedrock of ethics, practices and technologies of the world

Our Vision

The 'VALUES' that guide us are “Trust, Ethics, Integrity, Discipline and Performance”.

Our Mission

We are committed to manufacture products complying with the best quality standards of the world.

Product Range - 1HP - 10HP | Water Filled & Oil Filled

Advantages :



Easy To Install



Easy To Use



No Fuel Cost



Highly Reliable

Silent Features :

- Shut Off Head upto 120mtr.
- Extremely efficient BLDC Motor.
- 100% Rare earth magnets
- Leak-proof motor filled with water.
- Frictionless operation.
- Laser welded impellers.
- Strainer for sandy water.
- Outlet: stainless steel 304
- Pump body: stainless steel 304
- Motor body: stainless steel 304
- Bearing: NSK (made in Japan)
- Screw & Nut: stainless steel 316
- 100% % Copper wire, cold-rolled silicon steel sheet
- 5-Year Replacement Guarantee.



Advanced Controller



- Built-in MPPT for maximum output.
- Remote monitoring system (RMS).
- DC MCB & SPD in the enclosure.
- IP65 certified enclosures (IEC 60529).
- High quality, low maintenance, compact design, and high reliability.
- Tested as per MNRE and BIS requirements.
- 98% Controller efficiency.
- 5 Years Guarantee.

Features & Extensive Protections

- Short circuit protection.
- Tank overflow protection.
- Dry running protection and automatic restart.
- Over voltage, over current, overload, reverse polarity protection.
- Thermal overload shut down to avoid damage to the motor controller.



Remote Monitoring System

- GSM/GPRS based solar controller monitoring unit.
- Micro-SD card supports up-to 64GB.
- Internal data backup storage
- The pump can be on/off Via SMS online
- Fault-related Notifications: Overload, dry run, short circuit etc.
- External antenna for more stabilized network signal coverage.
- Inbuilt Type 2 USB port.
- Historical data can be downloaded in Microsoft excel sheet format.
- We provide RMS with SIM card.



Our Certifications



RoHS
compliant



iLLUMAC[®]

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