SOLAR SUBMERSIBLE PUMP AND CONTROLLER

MODELS: 3HP, 5HP, 7.5HP AND 10HP DC

Saatvik submersible pump has a stainless steel SS-304 pump. This ensures long life and high reliability against dust, sand and abrasive elements. The pump elements are driven by a "DC motor" filled with water. The motor is made from stainless steel 304 shell and sealed for life. High efficiency BLDC/PMSM motors are used. The motor is driven by a controller which has in inbuilt MPPT (Maximum power point tracker), dry running protection and overheating protection.

5 YEARS WARRANTY

*All models are tested and approved by NABL accredited labs as per the latest MNRE specifications.

APPLICATION

| Drinking water supply | Livestock watering | Pond Management | Agriculture | Village water supply |

FEATURES OF CONTROLLER:

❯ Fully enclosed with IP 65 protection.

❯ Tested as per IEC 60068-2-6:2007, IEC 60068-2-2:2007, IEC 60068-2-30:2005 for environment and IEC 61683 : 1999 for efficiency.

❯ Multifault diagnosis indications.

❯ Integrated MPPT (Maximum Power Point Tracking)

❯ Option of "Tank Full" and "Source Empty" sensor for auto start and auto stop.

❯ Controller is as per IS 16221 Part -2

❯ Protection against open circuit, accidental short circuit (2 min. max.), reverse polarity, under voltage & dry run.

❯ With Remote Monitoring System (RMS) integrated into the controller capable of remotely switching ON/Off the pumpset and monitoring of all parameters on mobile app or web browser.

MODELS OF SOLAR DC SUBMERSIBLE PUMP

Model	Capacity (HP)	Dynamic Head (Mtrs)	SPV module array (kWp)	IP65 Controller with In-built RMS	Remote ON/OFF feature
SGELSUB-330	3	30	3.00	YES	YES
SGELSUB-350	3	50	3.00	YES	YES
SGELSUB-370	3	70	3.00	YES	YES
SGELSUB-530	5	30	4.80	YES	YES
SGELSUB-550	5	50	4.80	YES	YES
SGELSUB-570	5	70	4.80	YES	YES
SGELSUB-5100	5	100	4.80	YES	YES
SGELSUB-730	7.5	30	6.75	YES	YES
SGELSUB-750	7.5	50	6.75	YES	YES
SGELSUB-770	7.5	70	6.75	YES	YES
SGELSUB-7100	7.5	100	6.75	YES	YES
SGELSUB-1050	10	50	9.00	YES	YES
SGELSUB-1070	10	70	9.00	YES	YES
SGELSUB-10100	10	100	9.00	YES	YES