SOLAR SURFACE PUMP AND CONTROLLER
MODELS: 3HP, 5HP, 7.5HP AND 10HP DC

Saatvik DC Surface pumps are the most efficient and reliable solution offering mono block construction with the impeller mounted directly on the motor shaft. The motor uses high energy permanent magnets and rare earth magnets to achieve very high efficiency.

FEATURES OF DC SURFACE PUMP:

❯ Polyurethane paint for long life

❯ Impact resistance water canopy

❯ BLDC motor for long life & higher efficiency

❯ SS shaft

❯ SS impeller

❯ Bronze neck ring for high suction lift

❯ High-efficiency casting using no baking process

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 SURFACE PUMP

Model	Capacity (HP)	Dynamic Head (Mtrs)	SPV module array (kWp)	IP65 Controller with In-built RMS	Remote ON/OFF feature
SGELSUR-310	3	10	2.70	YES	YES
SGELSUR-320	3	20	2.70	YES	YES
SGELSUR-330	3	30	2.70	YES	YES
SGELSUR-510	5	10	4.80	YES	YES
SGELSUR-520	5	20	4.80	YES	YES
SGELSUR-530	5	30	4.80	YES	YES
SGELSUR-710	7.5	10	6.75	YES	YES
SGELSUR-720	7.5	20	6.75	YES	YES
SGELSUR-730	7.5	30	6.75	YES	YES
SGELSUR-1010	10	10	9.00	YES	YES
SGELSUR-1020	10	20	9.00	YES	YES
SGELSUR-1030	10	30	9.00	YES	YES