

2 hp Solar Submersible Pump System



2 hp

Solar Submersible pump

AC

Based Motor Option





Noryl

Impeller Option

RMS

Option Available

Special features:

-  Dry run protection
-  Overloading protection
-  Stages Customization Available
-  Available in AC/DC Range



MAKE IN INDIA

Solar Pump Certificates

IS 9283:2013
IEC 60034-1:2010
IEC 60335-1:2016
MNRE Test Report

Controller

IP65
Certificate of compliance

Solar Module Certificates

IEC 61215 / IS 14286 (BIS)
IEC 61730 ED.1 | IEC 61730 ED.2
IEC 61701 (SALT MIST) / IEC 62804 (PID)
IEC 61853-I / IEC 62716(Ammonia)
MNRE Approved
ISO 9001 | ISO 14001 | ISO 18001

2 Year

Solar Pump
Warranty

25 Year

Solar Panel Linear
Power Warranty

Degradation as per Industry Standard*

Amrut Energy provides a range of solutions in many areas with its array of world class, cost & energy Efficient Pumps .

Submersible Pump

| | |
|-------------------|---------------|
| Pump Shaft | SS 410 |
| Suction Bracket | Cast Iron |
| Pump Hardware | SS 304 |
| Impeller | Noryl/SS |
| Impeller type | Radial |
| Stage casting | Noryl/SS |
| Pump jacket | SS |
| Pump bearing bush | Leaded Bronze |

Submersible Motor

| | |
|-----------------------|-----------------|
| RPM | 2800 |
| Motor shaft | SS 410 |
| Motor Bearing Bush | LTB 5 Grade |
| Ball Bearing | SS 410 |
| Lower & Upper Housing | SS |
| Stator Shell | SS |
| Winding Wire | 3 Φ Copper |
| Motor hardware | SS 304 |

| hp | kW | Voltage (V) | Current (A) | Head (m) | | | | |
|----|-----|-------------|-------------|----------|-----|-----|-----|-----|
| | | | | LPM | LPM | LPM | LPM | LPM |
| 2 | 1.5 | 160 | 8 | HEAD 30 | 50 | 70 | 90 | 100 |
| | | | | LPM 150 | 90 | 60 | 40 | 30 |

^ All data mentioned here are at 50 Hz, it may vary according to various Environmental Conditions

Installation



Leh, Leh-Ladakh

3 hp Solar Submersible Pump



Idar, Gujarat

3 set of 17.5 hp Solar Submersible Pump