

Solar Powered Borewell Submersible Pumpsets (100 mm)



RADIAL FLOW | MIXED FLOW



▶ SRF

▶ SMF

Parameters	X series		N series		V series
	(SRF)	(SMF)	(SRF)	(SMF)	(SRF)
Power Rating	1.5 - 7.5 HP	3.0 - 7.5 HP	1.0 - 2.0 HP	2.0 HP	0.5 - 2.0 HP
Head Range	20 - 535 m	8 - 78 m	17 - 250 m	14-29 m	15 - 155 m
Discharge Range	7 - 180 lpm	120 - 480 lpm	7 - 180 lpm	150 - 360 lpm	7 - 180 lpm
Phase	Three	Three	Three	Three	Three
Voltage	220	220	220	220	220
Speed	2800 rpm	2800 rpm	2800 rpm	2800 rpm	2800 rpm

Salient Features

- Energy efficient motors and pumps
- Wide operating voltage band
- All casing in superior FG 260 grade
- Heavy duty journal and tilting thrust bearings
- Optimized diaphragm design
- Motor filled with anti-corrosive solution
- Easy serviceability
- SS clad top & bottom intermediate shells
- Three layer protection to avoid sand entry into motor
- Rubber & Rubber clad metal bushes are provided for intermediate journal support



Application

- Open, Sprinkler, Drip and lift Irrigation
- Industrial water supply
- Pressure boosting system
- Individual residences
- Large multistoried apartments

*As the design and manufacture of Samudra pumps are subject to constant improvement, the product supplied may differ in some details from the specification given.

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