



**Robust Systems.
Reliable Performance.**

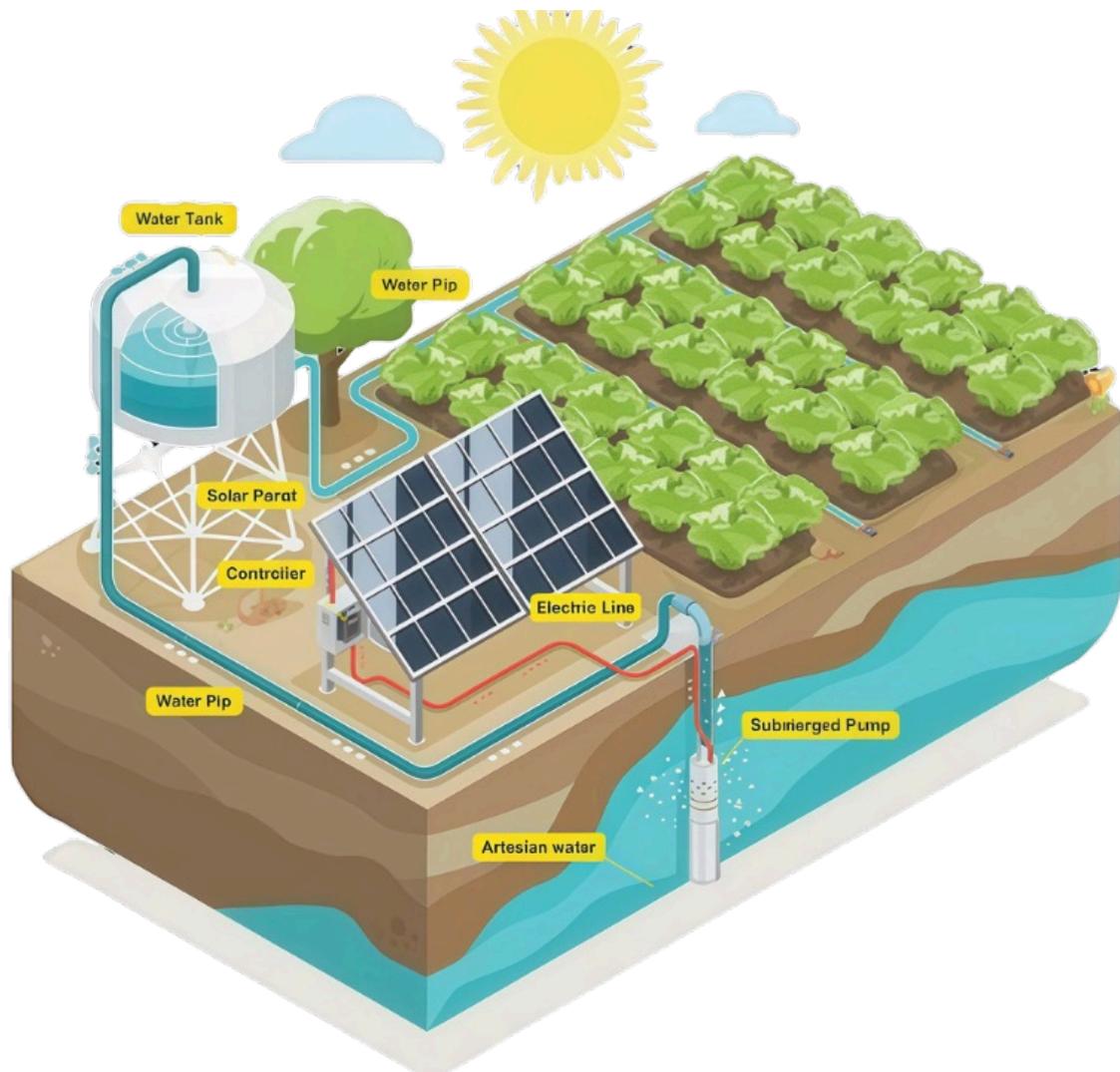
Trusted Solar Pump Solutions Since 1987

What Is A Solar Pump

A solar pump uses photovoltaic technology to convert sunlight into electricity, which powers a motor-driven pump to draw water from borewells, rivers, lakes, or ponds. It provides a reliable, grid-independent water solution for irrigation and other applications.

How Does Solar Water Pump Work

- Solar panels capture sunlight and generate electricity
- Power is regulated through a controller or VFD
- The motor drives the pump system
- Water is delivered to fields or storage systems



Premium Quality and Proven Performance

Built for Indian Farming Conditions

Smart and efficient solar pumping systems designed for long, reliable operation from dawn to dusk. High-efficiency motors ensure consistent water output year after year while consuming significantly less energy than conventional pumps.

No dependence on erratic grid power or diesel

Energy Independence & Savings

- Battery-less operation for higher efficiency and lower maintenance
- MPPT support to extract maximum power from solar panels

Advanced Protection & Safety

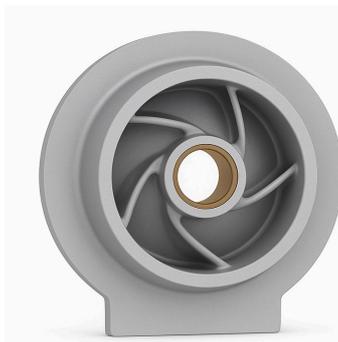
- Smart detection for under-voltage, over-voltage, and short-circuit protection
- Dry running sensor protection to prevent motor damage

Durability & Build Quality

- Sturdy, long-lasting construction
- Manufactured using stainless steel components such as impeller, body, and motor

Flexible System Options

- Available in both AC and DC pump variants
- Suitable for diverse irrigation and water supply applications



Monobloc Pumps



Reliability & Efficiency at its best

Technical Specifications

HIGH ENERGY SAVING

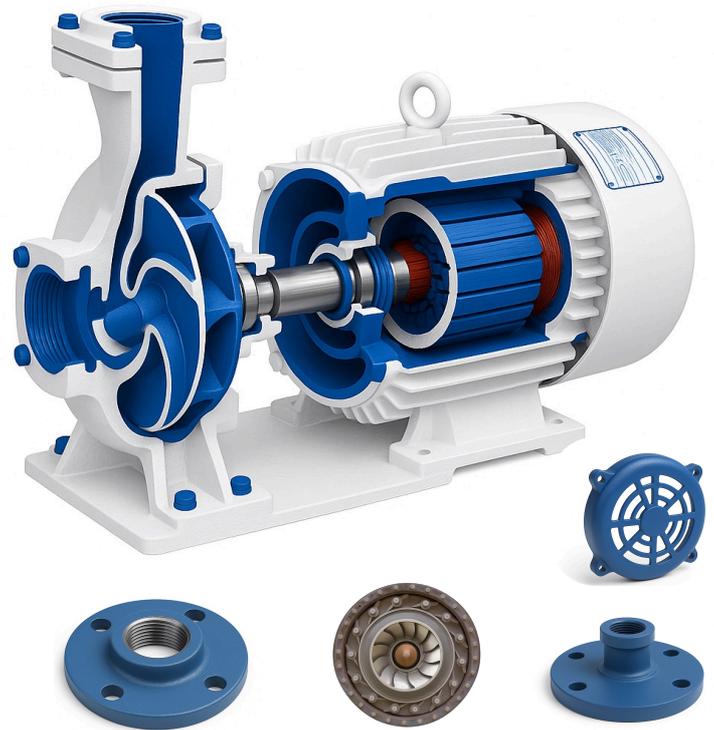
- Pumps with high quality design: excellent hydraulic efficiencies
- IE3 efficiency class motors

MAXIMUM APPLICATION FLEXIBILITY

- Pump certified for Irrigation application
- Version with integral shaft and monobloc motors

ROBUSTNESS AND RELIABILITY

- Application with liquid temperature up to 90°C
- Low mechanical stress: generously sized shaft and bearing



MOC	
Motor Body	Cast Iron
Impeller	Cast Iron (CED Coated)
Delivery Casing	Cast Iron
Shaft	SS-410
Mechanical Seal	Ceramic, Carbon, NBR

PRODUCT RANGE
 SURFACE MONOBLOC
DC- 1 HP TO 10 HP
AC- 1 HP TO 10 HP

AC/ DC Surface Pump Selection Chart

Technical Data	Pump Capacity (HP)	Voltage	PV Array Size (WP)	Total Dynamic Head (m)	Shut off Dynamic Head (m)*	Water discharge (LPD) (liters Per/Day)	Suction Size (Inch)	Delivery Size (Inch)
AC/ DC Surface Pumps	1	55	900	10	12	89100 - 99000	2	2
	2	90	1800	10	12	178200 - 198000	3	3
	3	130	2700	10	12	267300 - 297000	4	4
	3	130	2700	20	25	132300 - 148500	2.5	2
	5	240	4800	10	12	475200 - 528000	4	4
	5	240	4800	20	25	235200 - 264000	3	3
	5	240	4800	30	45	168000 - 182400	2.5	2
	7.5	340	6750	10	12	668250 - 742500	4	4
	7.5	340	6750	20	25	330750 - 371250	2.5 - 3	2.5 - 3
	7.5	340	6750	30	45	236250 - 256500	2.5 - 3	2.5 - 3
	10	415	9000	10	12	891000 - 990000	4	4
	10	415	9000	20	25	441000 - 495000	2.5 - 3	2.5 - 3
	10	415	9000	30	45	315000 - 342000	2.5 - 3	2.5 - 3

Submersible Pumps



Reliability & Efficiency at its best

Technical Specifications

HIGH ENERGY SAVING

- Impellers and diffusers in stamped stainless steel: performance over time
- Wear rings with anti-recirculation lip: high efficiency

ROBUSTNESS AND RELIABILITY

- Valve and suction casing in high precision casted stainless steel
- High thicknesses of components: life over time

ABRASION RESISTANCE

- Protection of coupling area from direct contact with the liquid
- Anti-sand bearing in rubber



MOC	
Motor Body	Stainless Steel
Motor Shaft	SS431
Thrust Bearing	Stainless Steel, Carbon, Cast iron
Motor Bushes	LTB-4/Carbon
Pump Shaft	SS431
Impeller	SS 304
Diffuser	SS 304
NRV	SS 304
Suction	SS 304

PRODUCT RANGE
 SUBMERSIBLE BOREWELL
 SUBMERSIBLE OPENWELL
DC Pumps - 1 HP TO 10 HP
AC Pumps - 1 HP TO 10 HP

AC/ DC Submersible Pumps Selection Chart

Technical Data	Pump Capacity (HP)	Voltage	PV Array Size (WP)	Total Dynamic Head (m)	Shut off Dynamic Head (m)*	Water discharge (LPD) (liters Per/Day)	Motor V4/V6	Pump V4/V6	Delivery Size (Inch)
AC/ DC Submersible Pumps	1	70	1200	30	45	42000 - 45600	V4	V4	1.25
	2	90	1800	30	45	63000 - 68400	V4	V4	2
	3	160	3000	30	45	105000 - 114000	V4	V6	2.5
	3	160	3000	50	70	63000 - 69000	V4	V4	2
	3	160	3000	70	100	42000 - 45000	V4	V4	2
	5	240	4800	30	56	168000 - 182400	V4	V6	3
	5	240	4800	50	70	100800 - 110400	V4	V6	2.5
	5	240	4800	70	100	67200 - 72000	V4	V4	2
	5	240	4800	100	150	43200 - 50400	V4	V4	2
	7.5	340	6750	30	50	236250 - 256500	V4	V6	3
	7.5	340	6750	50	70	141750 - 155250	V4	V6	2.5
	7.5	340	6750	70	100	94500 - 101250	V4	V6	2
	7.5	340	6750	100	150	60750 - 70875	V4	V4	2
	10	415	9000	30	50	315000 - 342000	V4 -V6	V6	4
	10	415	9000	50	70	189000 - 207000	V4 -V6	V6	3
	10	415	9000	70	100	126000 - 135000	V4 -V6	V6	2.5
10	415	9000	100	150	81000 - 94500	V4 -V6	V6	2	

Engineered for Performance.

Trusted for Durability.



ENGINEERED TO OUTLAST HARSH ENVIRONMENTS

Pump Material Build	100% Stainless Steel (SS 304 & SS 431)
Solar Panel Warranty	25 Years on Solar Modules
Anti-Corrosion Protection Module Mounting Structure	In-house Manufacturing Unit & Galvanization Plant
Weather Resistance	Corrosion-Resistant, Built for Rural Conditions
Brand Legacy	37+ Years of Field-Tested Reliability
Service & Support	5-Year System O&M Support + AMC & Service Available

Built for Harsh Conditions.

Designed for Longevity.

SPAN solar pumps undergo rigorous quality control and are built using marine-grade stainless steel. Every system is designed for heavy-duty, year-round operation with minimal wear and zero emissions.

We adhere to ISO-certified production standards, and our products are tested for.



Corrosion resistance



Continuous duty performance.



Abrasive water handling



Energy efficiency benchmarks

Hot Dip Galvanized Module Mounting Structures

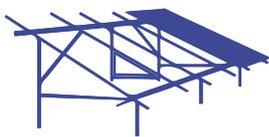
ENGINEERED TO OUTLAST HARSH ENVIRONMENTS

Span Pumps provides in-house Hot Dip Galvanizing for MMS structures and steel components, delivering durable corrosion protection and uniform coating for infrastructure and solar projects. Our advanced facility ensures consistent quality on large-scale jobs.

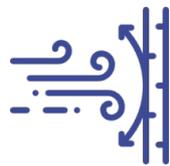
Span Pumps provides professional galvanization job work for third-party fabricated components, offering reliable corrosion resistance through a proven, multi-stage hot dip galvanizing process compliant with international standards.



Strong Foundations for Every Field



GI + SS mounting structure



Wind-resistant



Customizable for terrain



Anti-rust powder coating



Fast, secure installation



Designed for Indian farms

Unique Features of Span Pumps Controllers

Low voltage, tank empty, tank full, over current fault detection.

Thermal overload shutdown to avoid damage to motor and controller



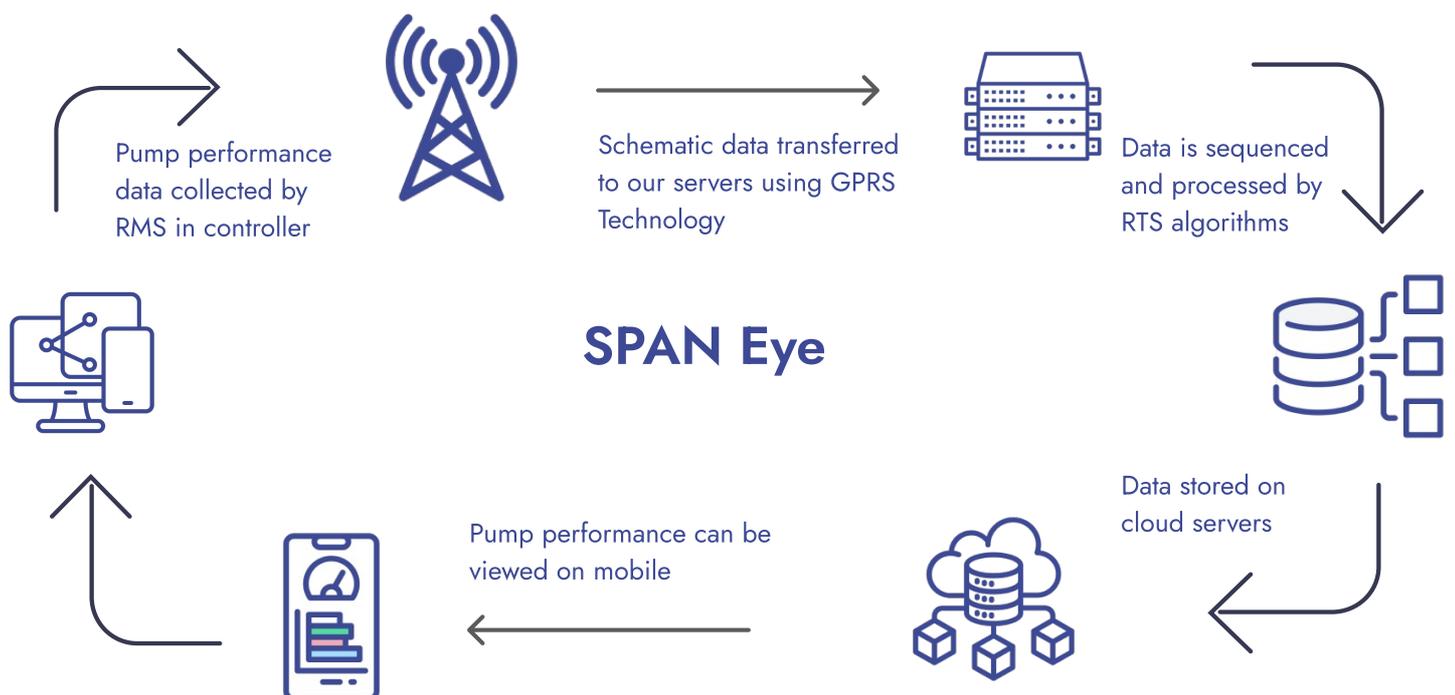
Built-in MPPT to maximize power use from solar panels

RMS for real time data Logging and transmission fault detection

IP65 Protection

Span Eye | Track your pump performance

The Span Eye provides real time data of pump performance and status of either single or multiple installations. Data can be compiled into reports for performance appraisal. The Span Eye is available on mobile app which can be downloaded via Google Play Store.





**SPAN
PUMPS**

Sales & Support

 info@spanpumps.com

 +91 20 66 00 0408

 www.spanpump.com

Global Headquarters

Span Pumps Pvt. Ltd.

965/2, Sanaswadi, Shirur,

Pune-412208, Maharashtra, India



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