



EMPOWERING FUTURE

MECWIN SOLAR PUMPS



COMPANY OVERVIEW

About Us

Mecwin is a leading manufacturer of advanced solar pumps, MPPT Controllers, PMSM motors. The company is dedicated to delivering innovative and reliable solutions that enhance the performance of energy systems and industrial applications. With a focus on sustainability and technological advancement, Mecwin serves a diverse range of industries including renewable energy, automotive, agriculture, Medical and industrial processing.

Vision

At Mecwin Technologies, we stand at the threshold of a profound mission – one that transcends mere corporate ambitions and resonates with the very essence of our existence. "Innovating for a Greener World: Unleashing Sustainable Possibilities," is not just a statement; it's a resounding call to action, a promise to the planet, and an unwavering commitment to the future.

Mission

"At Mecwin Technologies, our mission is to lead the way in transforming our world into a greener, more sustainable place. We are dedicated to innovating and delivering solutions that not only meet the needs of today but also preserve the planet for future generations."

Core Values

Sustainability: Our decisions and actions prioritize sustainability, from product development to daily operations.

Innovation: We foster a culture of innovation that continuously seeks novel ways to drive sustainability.

Customer-Centricity: We aim to exceed customer expectations by offering sustainable solutions that create value.

Collaboration: We believe that solving global sustainability challenges requires collaboration with partners, stakeholders, and communities.

Integrity: Our commitment to ethical conduct guides everything we do.

SOLAR DC SURFACE SPECIFICATION :

Pump model	Suction and Delivery Pipe Size	Power in Hp	Outlet size In mm	Input Pv array Capacity	Dynamic Head (Mtrs)	Shut-Off Head (Mtrs)	Discharge (LPM)	Discharge (LPD)
SSW1HPDC10M900Wp	2"/2"	1	50	900	10	12	254	99000
SSW2HPDC10M1800Wp	2.5"/2"	2	65	1800	10	12	508	198000
SSW3HPDC10M2700Wp	3"/3"	3	75	2700	10	12	762	297000
SSW3HPDC20M2700Wp	2.5"/2"	3	65	2700	20	25	381	148000
SSW5HPDC10M4800Wp	4"/4"	5	65	4800	10	12	1354	528000
SSW5HPDC20M4800Wp	3"/2.5"	5	75	4800	10	25	677	264000
SSW5HPDC30M4800Wp	2.5"/2"	5	75	4800	10	45	468	182000
Note: Maximum Suction in Monoblock Pump set is 7 meter from the seal level								

SOLAR AC SURFACE SPECIFICATION :

Pump model	Suction and Delivery Pipe Size	Power in Hp	Input Pv array Capacity	Dynamic Head (Mtrs)	Shut-Off Head (Mtrs)	Discharge (LPM)	Discharge (LPD)
SF01HPAC10M900Wp	2"/2"	1	900	10	12	228	89100
SF02HPAC10M1800Wp	2.5"/2"	2	1800	10	12	457	178200
SF03HPAC10M2700Wp	3"/3"	3	2700	10	12	685	267300
SF03HPAC20M2700Wp	2.5"/2"	3	2700	20	25	339	132300
SF05HPAC10M4800Wp	4"/4"	5	4800	10	12	1218	475200
SF05HPAC20M4800Wp	3"/2.5"	5	4800	20	25	603	235200
SF05HPAC30M4800Wp	2.5"/2"	5	4800	30	45	431	168000
Note: Maximum Suction in Monoblock Pump set is 7 meter from the seal level							



PRODUCTION LINE

Pump Testing Facility



Controller Assembly Line



Motor Assembly line



Motor Winding



- 45,000 SQFT manufacturing facility.
- 300+ skilled workforce.
- 120,000 pump set capacity per year.
- In-house IoT team for RMS.
- PAN India presence.
- Exports PMSM motors to the USA and Eurpoe Market.
- Motors for Automotive, and Medical applications.

CONTACT US



Our Service & Support team are directly accessible in 26+ states in India.

MECWIN's trained service engineers can help with site survey, system sizing, installation, commissioning and on time service support.



Mecwin Technologies India Pvt.Ltd

{ Manufacturing Plant }

65/3-1, opposite to Super Gas filling station,near
Ravindu Toyota Car Service centre Industrial
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