

EMPOWER. INNOVATE. SUSTAIN.

FEATURES



SWELECT's state-of-the-art facility is designed for efficiency and precision in solar module manufacturing.



Spans 1.3 lakh sq. ft.



Includes a 40,000 sq ft clean room production area with Class 100,000 standards.



Temperature-controlled stores ensure the quality of critical raw materials.



The fully automated production facility has a 1 GW capacity.



Operations run on SAP/MES, enhancing efficiency, material management, and module traceability.



40 YEARS & 1 GW+
EXPERIENCE IN GLOBAL
ENERGY MARKET



PUBLIC LISTED
COMPANY IN INIDAN
STOCK EXCHANGES



IMS CERTIFIED
COMPANY



1 GW STATE-OF-THE-ART
SOLAR PV MODULE
MANUFACTURING FACILITY



SOLAR ENERGY STORAGE
& SOLAR-WIND HYBRID
ENERGY STORAGE SYSTEMS



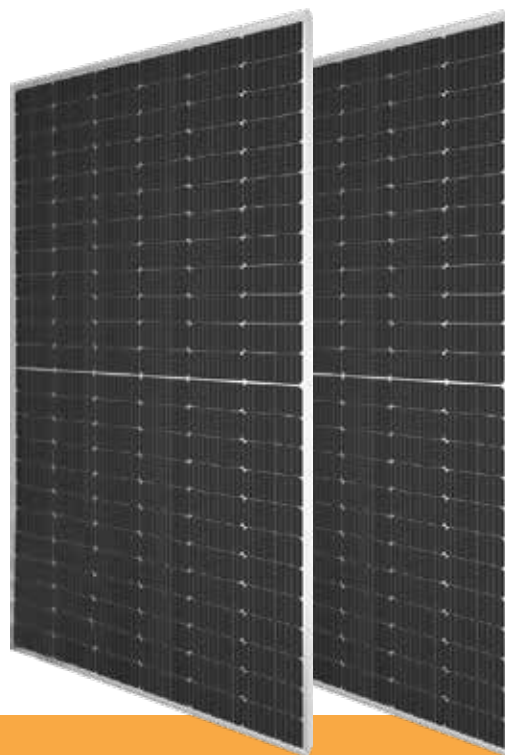
0.5 GW MMS &
ELECTRICAL BOS
MANUFACTURING FACILITY



EPC SOLUTION PROVIDER
AND INDEPENDENT
POWER PRODUCER

PRODUCT RANGE

PRODUCT OFFERINGS		MATRIX	MODULE Wp RANGE
P-TYPE PERC CELLS		108	365 - 410 Wp
Monofacial Module	Glass to White Backsheet	120	410 - 455 Wp
		132	455 - 500 Wp
	Glass to Black Backsheet	144	500 - 550 Wp
		156	535 - 595 Wp
		P-TYPE PERC CELLS	
Bifacial Module	Glass to Transparent Backsheet	120	410 - 455 Wp
		132	455 - 500 Wp
		144	500 - 550 Wp
		156	535 - 595 Wp
		N-TYPE TOPCON CELLS	
Bifacial Module	Glass to Glass	144	555 - 580 Wp
		156	610 - 635 Wp



VISION

To be a global leader in Solar PV Manufacturing, delivering high-quality products that surpass expectations, championing renewable energy adoption, and empowering communities for a brighter future.



MISSION

To achieve business excellence through unwavering quality commitment and stakeholder delight. We empower our employees, champion sustainability, and create a positive community impact, ensuring that our renewable energy solutions contribute to a better, greener future for all.



CORE VALUES

Excellence, Innovation and Empowerment

CERTIFICATIONS & APPROVALS



SWELECT's solar modules meet global quality and safety standards, including IEC, UL, MCS, CEC, BIS & ALMM Approved

International Certifications

- Design Qualification - IEC/UL 61215: 2021
- Construction Requirements - IEC 61730(Part 1): 2016
- Safety Requirements - IEC 61730(Part 2): 2016
- Salt Mist Resistance, Severity 6 - IEC 61701
- Ammonia Resistance - IEC 62716
- Potential Induced Degradation Resistance - IEC 62804(3x)
- 3rd Party PAN FILE



SWELECT is geared to be your CBAM/ESG partner with impressive credentials in sustainability, diversity and social responsibility.

- 33% of our workforce is women
- The factory is powered by renewable energy
- Initiated carbon footprint tracking

- IMS (Quality, Environment, OHSMS) and EnMS certified
- Will soon be ready with STS and PVEL certifications
- Active in CSR: Education, Women Empowerment, Diversity & Equality



Stay powerful when sun shines. And thereafter...

SWELECT ENERGY SYSTEMS LIMITED

SWELECT HOUSE

No 5, Sir P. S. Sivasamy Salai,
Mylapore, Chennai - 600 004.
Tamil nadu, India.
info@swelectes.com
+91 44 24993266

PV MODULE MANUFACTURING PLANT

SWELECT HHV SOLAR PHOTOVOLTAICS PRIVATE LIMITED

SF NO.169, Sembagounden Pudur,
No.51, Kuppepalayam Village,
Coimbatore - 641 107.
Tamil nadu, India.

SCAN QR CODE FOR
PRODUCT CATALOGS

