

M O D U L E

swelectes.com

M O U N T I N G

S T R U C T U R E S

# MMS



## SWELECT ENERGY SYSTEMS LIMITED

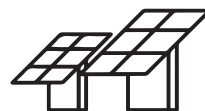
SWELECT also offers the complete range of Electrical and Mechanical Balance of Systems (BOS) including Solar PCUs, Module Mounting Structures (MMS), AJBs, ACDBs, DCDBs, etc. from its State-of-the-art facility in Salem.



**40 YEARS EXPERIENCE**  
IN POWER & ENERGY  
INDUSTRY



**0.5 GW MMS &  
ELECTRICAL BOS  
MANUFACTURING  
FACILITY**



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

The finest and most up-to-date MMS design for Ground Mount, Sheet-Roof Mount, Terrace Mount, and Solar Water Pumps in a fully automated factory furnished with modern machineries.



**C-ROLL FORMING MACHINES**  
**HAT ROLL FORMING MACHINES**



**COMPUTERIZED BENDING MACHINES**

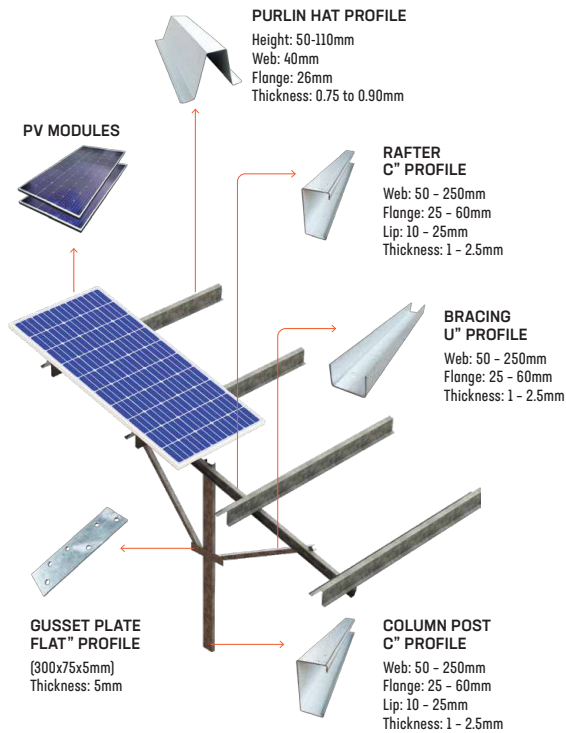


**CNC TURRET PUNCH PRESS**

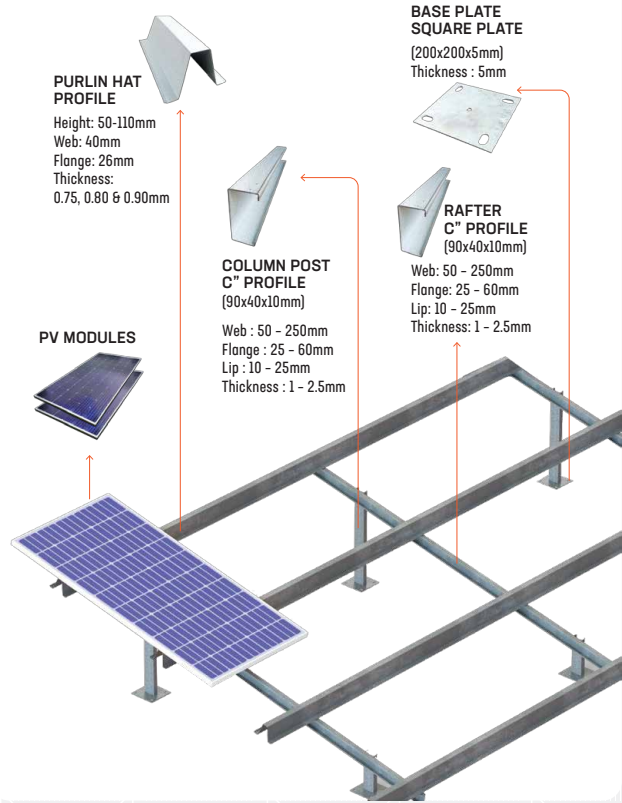
Our PV module mounting solutions have been designed to fit an extensive range of PV modules and offer optimum dimensioning, cost-effectiveness, and outstanding reliability.

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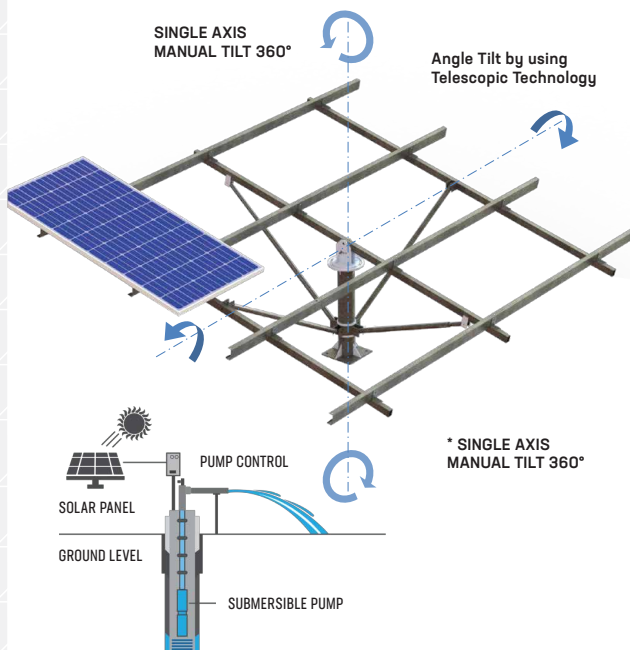
## GROUND MOUNT



## FLOOR MOUNT

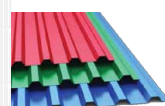
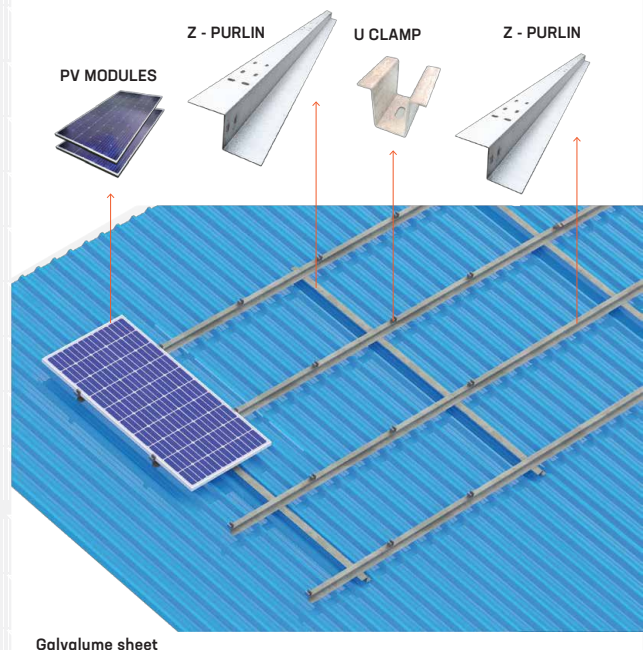


## SOLAR WATER PUMP STRUCTURE



A Solar Water Pump Structure consists of a solar panel array that powers an electrical motor which in turn powers a bare or surface pump. The water is often pumped from the ground into a storage tank.

## SHEET ROOF MOUNT



Aluminium rail & clamps For Trapezoidal Sheet roof structures



## SALIENT FEATURES OF OUR MMS

- Corrosion resistant AZ-150 steel  
(High quality National & International brands)
- Structure inclination based on latitude and longitude
- Expected life time: 25 years
- Capability to withstand wind velocity for different zones of the country based on IS 875 Part-3 (wind load standard)
- Stability verified by Solid works Stimulation or STAAD Pro
- Column posts can be customized with HDG steel for ground mount projects
- Any configuration of MMS can be provided
- Customized designs also available



**SWELECT** has an installed base of over **500 MW MMS** of various configurations and is well suited to meet your specifications and requirements for any type of Solar Installations.

For a comprehensive  
Solar Solution:

### **SWELECT ENERGY SYSTEMS LIMITED**

#### **SWELECT HOUSE**

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MMS & BOS Manufacturing

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Solar PV Module Manufacturing

#### **SWELECT HHV SOLAR PHOTOVOLTAICS PRIVATE LIMITED**

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