Forgeon



TATA STEEL COLORS

ANTYODAYA UJAS PRIVATE LIMITED

ILIOS® Solar Module Mounting Solutions



ILIOS® under the aegis of Tata Steel Colors, offers premium solar mounting solutions for ground and roof top applications. These customised structures offer higher corrosion resistance, weight optimisation and quick installation.
ILIOS® offers a complete solution for executing turnkey solar power projects that include design detailing, engineering support, installation and material supply. Tata Steel Colors multi-locational manufacturing facilities ensure on-time project delivery

Ground Mounted Solutions



ILIOS® offers C and Hat sections for ground mounted applications. These high strength structures are manufactured from cold rolled Zn-Al-Zn alloy coated steel and are available in various coating thicknesses and dimensions as per project requirements.

Operational Excellence

Tata Steel Colors world-class manufacturing facilities are strategically located in Chennai, Pune, Bhiwadi and Jamshedpur, ensuring easy product availability, on-time delivery with consistency in quality of the products supplied. Safe transportation and high quality product packaging lay a strong foundation for a sound Supply Chain.

Design & Engineering Excellence



Tata Steel Colors team of experts bring together engineering insights and practical skills to deliver a real world solution for customer requirements. From Design to Build and Maintenance; our team of experts ensure an optimized solution for every customer's requirement.

Customers receive transparency beyond verbal commitments through QR-code-based verification, product traceability, and visibility of material specifications, ensuring confidence in the supplied structure system.

Rusting is one of the biggest threats to solar structure durability. The superior corrosion resistance of Tata Steel Colors ZINCALUME®/ZALCOAT™ steel helps maintain structural integrity, reduce maintenance requirements, minimize operational risks, and support long-term plant performance.



Faster project completion reduces construction delays and enables customers to start realizing energy savings and project returns earlier.

Superior structural quality supports the intended 25–30 years solar plant life and enhances long-term performance and reliability





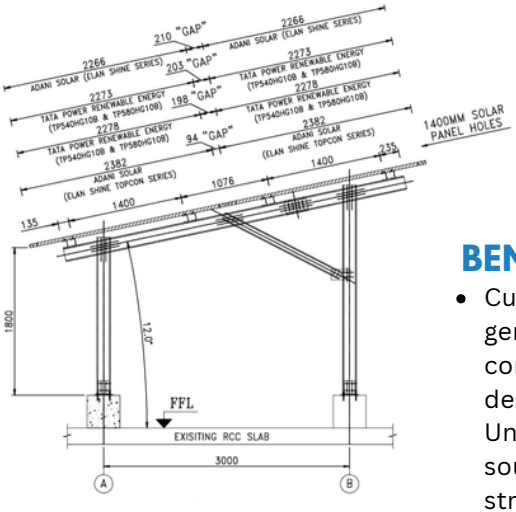


BENEFITS

- Smaller packaging and easier handling reduce the risk of material damage and quality issues associated with the handling of bulky structural members.
- Improved material availability and streamlined supply chains contribute to timely project completion and overall installation quality.
- Lower EPC operating costs support sustainable after-sales service, improved responsiveness, and better overall plant economics.

SIDE VIEW

DOUBLE LEG



TATA STEEL COLORS	TATA STEEL COLORS PRIVATE LIMTED Floor No. 9 & 10, Kalpataru Infinia, Final Plot no 21, Wakdewadi, Shivajinagar, Pune 411003, India www.tatasteelcolors.com	
JOB NO. : LT202502102	BUILDING NO. : 01	
PROJECT NAME : ROOF TOP STRUCTURE		
CUSTOMER : ANTYODAYA UJAS PVT. LTD		
JOBSITE LOCATION : (WIND SPEED - 150 /130 Kmph)		
DRAWING TITLE : SOLAR PANEL PLATFORM (2 ROWS OF 5 & 9 PANELS) MODULE (PORTRAIT ORIENTATION) TYPICAL CROSS SECTION DETAIL		DRAWING NO. E103

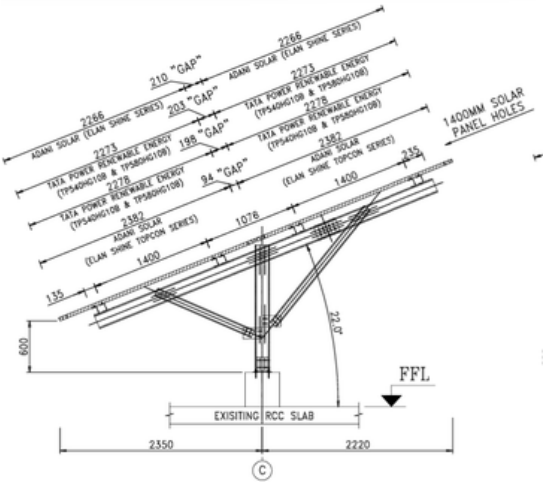
BENEFITS

- Customers receive assurance of genuine, branded steel, superior corrosion protection, and engineered designs developed by Tata Steel Colors. Unlike local fabrication, the quality, source, and design pedigree of the structure can be verified, eliminating blind spots in structural quality.

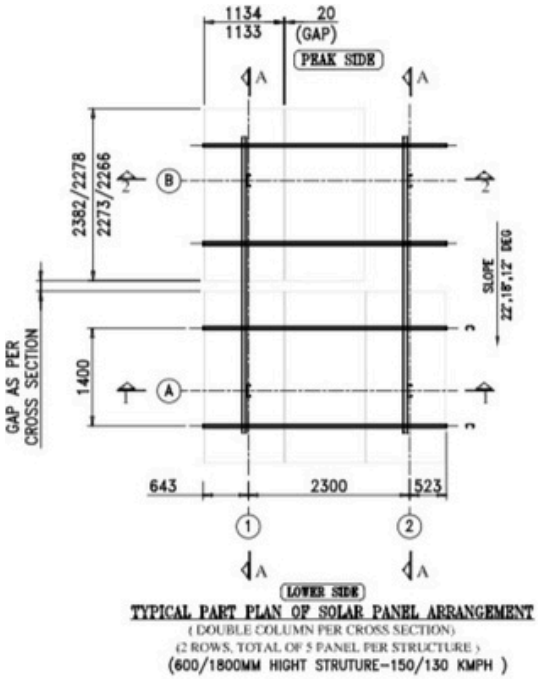
SINGLE LEG

BENEFITS

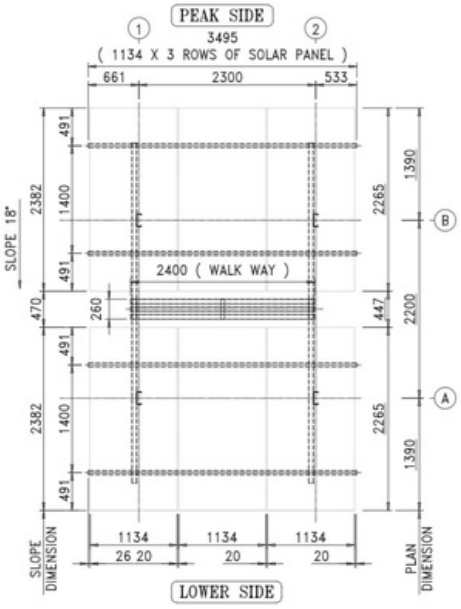
- Professionally engineered designs reduce the risks associated with locally fabricated structures and provide greater confidence against strong winds, storms, and other environmental loads.



TOP VIEW



TYPICAL PART PLAN OF SOLAR PANEL ARRANGEMENT
(DOUBLE COLUMN PER CROSS SECTION)
(2 ROWS, TOTAL OF 5 PANEL PER STRUTURE)
(600/1800MM HIGHT STRUTURE-150/130 KMPH)

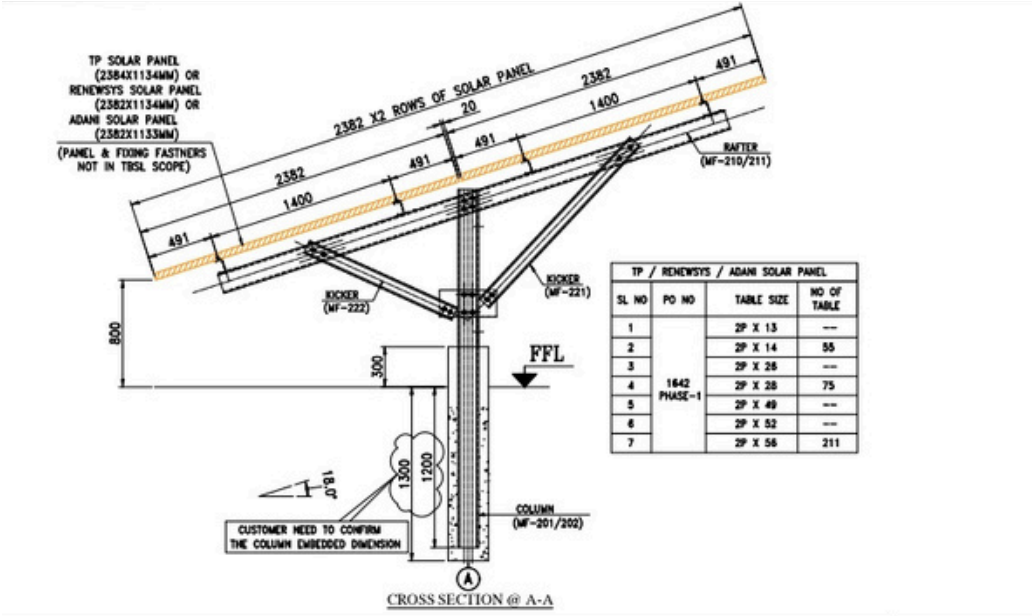


TYPICAL PART PLAN OF SOLAR PANEL ARRANGEMENT OF 2X3 STRUCTURE
(SOLAR PANEL SIZE - 1134MM X 2382MM)

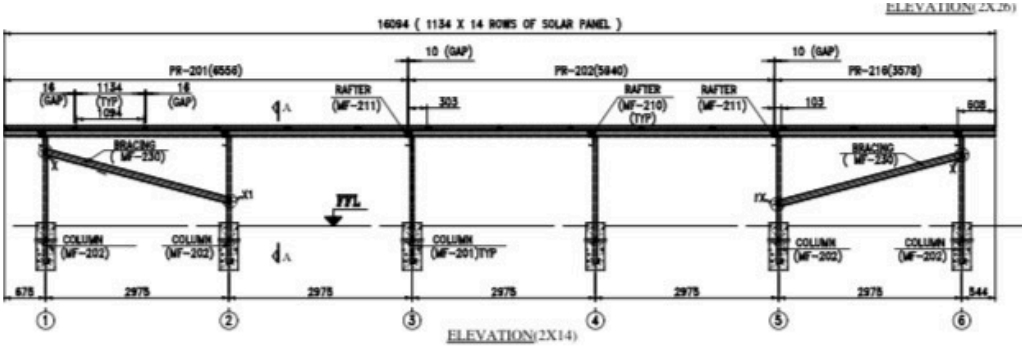
BENEFITS

- Better site evaluation reduces the gap between commitments and actual execution, ensuring greater confidence in project delivery.

UTILITY DESIGN



TP / RENEWSYS / ADANI SOLAR PANEL			
SL NO	PO NO	TABLE SIZE	NO OF TABLE
1	1642 PHASE-1	2P X 13	---
2		2P X 14	55
3		2P X 26	---
4		2P X 28	75
5		2P X 49	---
6		2P X 52	---
7		2P X 56	211



ELEVATION(2X14)

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PAN-INDIA PRESENCE

STRATEGICALLY POSITIONED FOR FASTER DELIVERIES AND REGIONAL SUPPORT



13 Warehouses
Ensuring faster deliveries nationwide

6 Regional Offices
Driving growth closer to you

Nationwide Coverage
Reliable supply. Stronger tomorrow.

OUR REGIONAL OFFICES

- NCR (Delhi-Gurugram-Noida)
- Mumbai
- Kolkata
- Bangalore
- Raipur
- Guwahati

OUR WAREHOUSE LOCATIONS

- NCR (Delhi-Gurugram-Noida)
- Mumbai
- Ahmedabad
- Pune
- Nagpur
- Bangalore
- Chennai
- Raipur
- Bhubaneswar
- Kolkata
- Patna
- Lucknow
- Guwahati

TATA STEEL COLORS

Quick installation guide

Scan to Access Structure Installation Videos

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