

PRODUCT DATASHEET · NEW

Solar Module Mounting Structures

Solar infrastructure · since 2012



Module mounting structure installed in a field

Indo East entered solar in 2012 as India's solar sector began, and fabricates module mounting structures, fixed-tilt tables and the foundation interface from IS 2062 steel, hot-dip galvanized on our own kettle to the coating grade the project specifies.

Indo East steel is installed on a 50 MW solar project in Togo, West Africa, supplied through a client rather than shipped by us. Structures are built to the project design; we fabricate and galvanize rather than design the array.

CERTIFIED · REGISTERED

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

IEC 0211004090

EEPC RCMC

RDSO APPROVED

TECHNICAL SPECIFICATION

PARAMETER	SPECIFICATION
Structure types	Fixed-tilt module mounting structures, module tables, tracker-compatible structures to drawing
Material	IS 2062 Grade A and B; IS 8500 where a higher-strength grade is specified
Galvanizing	IS 2629 process, IS 4759 coating mass — 75–85 microns as standard, or the project's coating grade
Wind and load design	IS 875 Part 3 for the wind zone at site, to the project designer's loading
Fasteners	IS 1367 property classes as specified; stainless where the specification calls for it
Foundation interface	Fabricated to the civil consultant's drawing — foundation design is not ours
Coating life	Galvanizing is the whole design life on a solar table: it is outdoors, unpainted, and nobody returns to maintain it

PRODUCT RANGE

Fixed-tilt tables

Module mounting tables at the array tilt the project design specifies, in galvanized steel.

Module mounting structures

Purlins, rafters and posts, fabricated and pre-drilled so the array assembles without site drilling.

Tracker-compatible structures

Fabricated to the tracker maker's drawing where a project uses single-axis tracking.

Foundation and interface steel

Base plates, anchors and the interface between the structure and the civil design.

THE WORKS, AND THE LIMITS

Made at Jangalpur, Howrah

Every item on this datasheet is produced in-house at our integrated complex on NH-6 — cutting, fabrication, welding, pre-treatment, hot-dip galvanizing and final inspection. There is no sub-contractor in the chain.

18,000 MT

A YEAR, FAB & GALV EACH

7.0 × 1.2 × 1.6 m

KETTLE, AT 450 °C

1,500 MT

FABRICATION PER MONTH

5 MT

MAX SINGLE PIECE · CRANES TO 20 T

1,500 MT

GALVANIZING PER MONTH

22 km

TO KOLKATA PORT

TYPICAL APPLICATIONS

- Utility-scale solar parks
- Ground-mount fixed tilt
- Hybrid and captive plants
- Rooftop and shed-mounted arrays
- Tracker structures to drawing
- Repowering and array extension

STANDARDS AND COMPLIANCE

Structural steel IS 2062, IS 8500 · **Galvanizing** IS 2629, IS 4759, IS 6745, IS 2633; ASTM A123, ASTM A153, ASTM A385 or EN ISO 1461 where specified · **Wind loading** IS 875 Part 3 · **Towers** IS 802 · **Line hardware** IS 2486 · **Fasteners** IS 1367 · **Earthing** IS 3043 · **Welding** IS 816, AWS D1.1; weld inspection IS 822 · **Tolerances** IS 7215. ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certified; RDSO approved for railway structures; IEC 0211004090.

Three things we say before you ask

- Nothing longer than 7.0 m goes in the kettle in one dip.** Longer members are double-dipped — standard practice, but it leaves a visible overlap line, and we raise it before quoting rather than after dipping.
- Our laboratory is not NABL-accredited.** The equipment is real — Bruker Q2 ION spectrometer, universal testing machine, Rockwell tester, calibrated DFT gauges — but where a specification requires NABL type-test reports, that testing is arranged with an accredited laboratory against the order.
- We do not hold EN 1090.** It is a real certification with a real audit. IS 4759, ASTM A123 and EN ISO 1461 are different: they are specifications material is supplied and certified against, and we galvanize to them and issue the readings.



Galvanized tubes and members on stands in the yard



Galvanized channels and tubes stacked in the yard



Steel hung on jigs for galvanizing

HOW TO ORDER

Send drawings, a bill of materials or a specification through [indoeast.com](mailto:info@indoeast.com). We review the scope, raise any queries and return a formal quotation, typically within 48 business hours. Third-party inspection by SGS, Bureau Veritas, TÜV, DNV or Intertek is supported at stages agreed before production. For export, the form at indoeast.com/export-enquiry.html asks for the five things that let us price properly.

Issued September 2026. Every figure here is also published on indoeast.com. Coating and tolerance commitments are confirmed in writing against your drawing at quotation.

CONTACT

info@indoeast.com

+91 98361 05950 · WhatsApp +91 98303 26263
anand@indoeast.com · Anand Kejriwal, Director
jitendra@indoeast.com · Jitendra Kejriwal, Director
indoeast.com · [linkedin.com/company/indoeast](https://www.linkedin.com/company/indoeast)

Jalan Industrial Complex, Gate No. 1, Right Lane No. 6,
 Jangalpur, NH-6, Howrah 711411, West Bengal, India