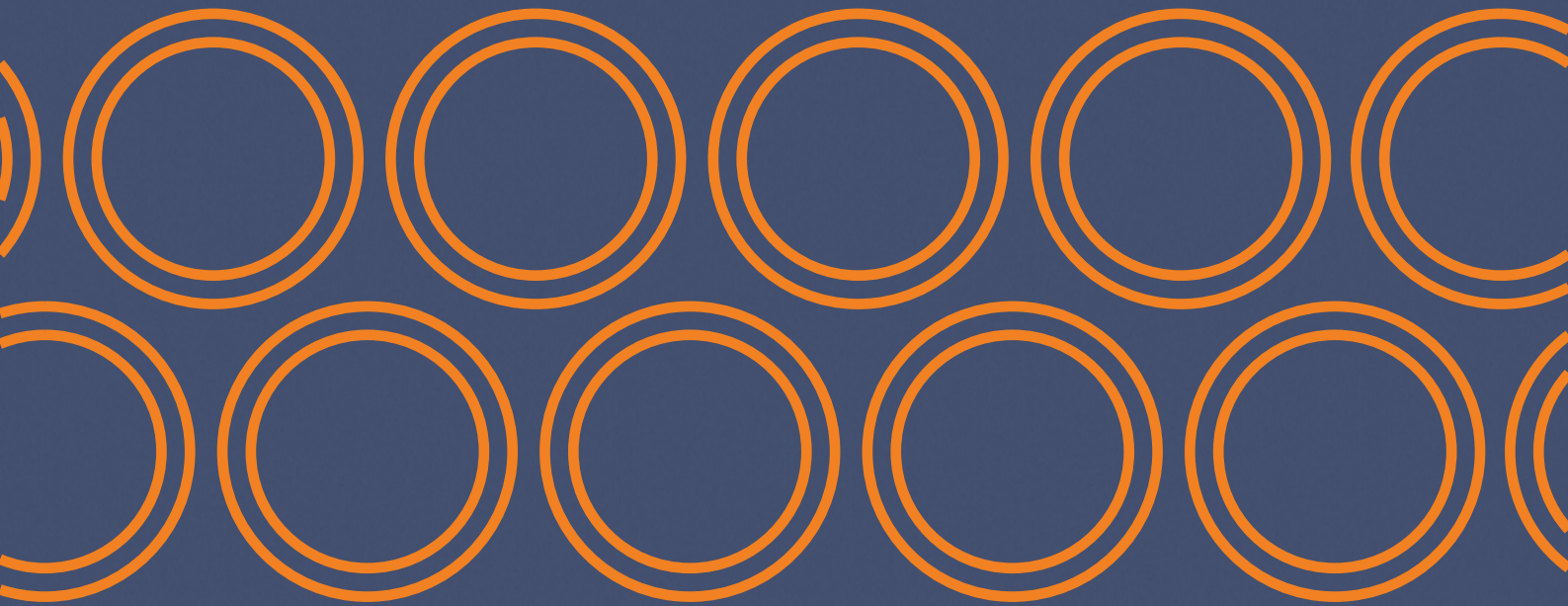




BHASU ENERGY
SYSTEMS LLP



HUB OF
SOLAR
INNOVATION

AP & Telangana

+91 89777 65352
sales@bhasuenergy.com

Other Regions

+91 89777 65350
bdm@bhasuenergy.com

ABOUT BHASU ENERGY

Bhasu Energy is a premier solar product distribution company, established in 2024 with a steadfast commitment to delivering exceptional quality, unparalleled service, and competitive pricing. Leveraging over 15 years of expertise in the solar industry and trading of solar products, our team has cultivated a profound understanding of the market dynamics, enabling us to bridge the gap between manufacturers and customers.

MISSION STATEMENT

At Bhasu Energy, our mission is to empower a sustainable future by providing premium solar products, timely delivery, and outstanding customer experiences. We strive to build long-lasting relationships with our clients, partners, and stakeholders, founded on trust, transparency, and integrity.

KEY STRENGTHS

Strategic Partnerships: We have fostered robust collaborations with esteemed manufacturers of solar modules, inverters, and other Solar BOS components, ensuring access to cutting-edge technology and innovative solutions.

Competitive Pricing: Our pricing strategy is designed to offer the best value to our customers without compromising on quality, ensuring a seamless and cost-effective transition to solar energy.

Timely Delivery: Our logistics and supply chain management expertise guarantees efficient and prompt delivery of products, minimizing lead times and ensuring projects stay on schedule.

Industry Expertise: Our team's extensive experience in the solar sector enables us to provide insightful guidance, tailored solutions, and exceptional support throughout the customer journey.

»Product Portfolio»

Our comprehensive product range includes:

Solar Modules



Inverters



Cables



Other BOS

ACDB & DCDB,
DC Cable, FRP Walkway
& Hand Rail.



Customer-Centric Approach:

We prioritize customer satisfaction, tailoring our services to meet unique needs and preferences.



Quality and Reliability:

We are committed to delivering exceptional products and services, ensuring durability, performance, and compliance with industry standards.



Transparency and Integrity:

We conduct business with utmost honesty, transparency, and ethical practices, fostering trust and long-term relationships.



Innovation and Improvement:

We continuously monitor market trends, technological advancements, & customer feedback to refine our offerings and services.

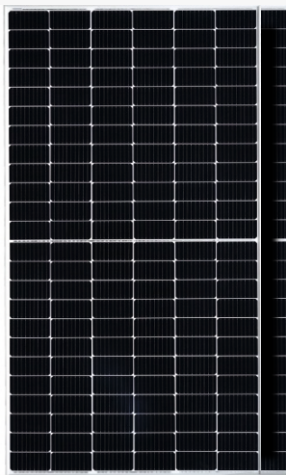
About Saatvik



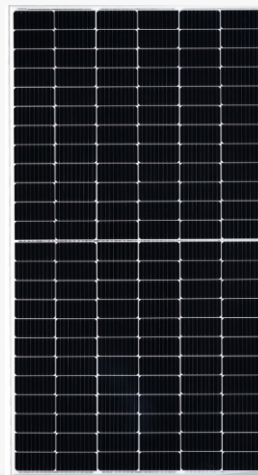
Saatvik Solar is the “India’s premier Solar Pv Module manufacturers” dedicated to driving sustainable energy solutions for a brighter future. Established with a vision to revolutionize the solar industry, we pride ourselves on being pioneers in the field, with a state-of-the-art manufacturing facility strategically located in Ambala, Haryana. Saatvik manufacturing facility and modules adhere to the highest global standards, holding certifications from esteemed bodies such as Bureau Veritas, UL, and TUV Rheinland. These certifications serve as a testament the unwavering commitment to excellence and sustainability.



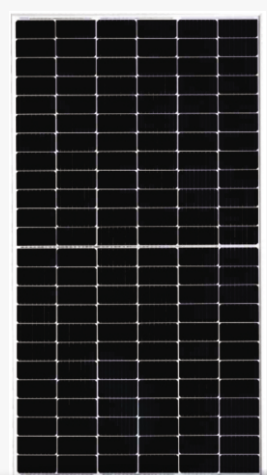
Bifacial - N TOPCon 144 Cells
(570-580 wp)



Bifacial - Mono Perc 144 Cells
(525-550 wp)



Mono Perc 144 Cells
(525-550 wp)



Bifacial - N TOPCon 144 Cells
(560 wp DCR)

SPECIFICATION DATA

- Dimensions 2278x1134x30 mm
- Weight 32 Kgs
- Front Cover 2.00 mm
- Rear Cover 2.00 mm

- Frame Material Silver Anodized Aluminum Profile
- J-Box IP68, 3 diodes
- Cable 350 mm, 4 mm²
- Connectors Mc4 Compatible Connector

Key Features



Higher Module Efficiency
Module Efficiency Up-to 22.84%



10-30% more power generation
When compared with the P-type module



Advanced technology
MBB-Multi Bus-bar (16BB)
Half-cut N-TOPCon cell



Extended Wind and snow loads
Wind Load (2400 Pascal) and
Snow Load (5400 Pascal)



Withstanding a harsh environment
Reliable quality leads to better sustainability,
even in harsh environments such as deserts,
Farms, coastal and the areas with ammonia exposure



Rigorous testing criteria
100% I-V Measurement, HiPOT test and EL
inspection, ensures defect-free modules



Bifaciality factor 80±5%
The ratio of the rear efficiency in relation to the
front efficiency is subject to the same irradiance.

Product Warranty 12 years of product warranty**

Performance Warranty Power degradation <1.0% in first year and
<0.40% / year in 2 to 30 years**

GOODWE

Goodwe offers a wide range of Inverters, spanning from 2 kw to 350 Kw, catering to various solar system sizes and applications. With a long standing and strong presence in the Solar Market, Goodwe's PV Inverters have been installed in over 100 countries, with a cumulative Installation of 71 GW

Residential Solutions

XS Series – Single
Phase – 1 Mppt



2000XS/ 3000XS
3300XS

DNS Series – Single
Phase – Dual MPPT



4200DNS / 5000DNS
6000DNS

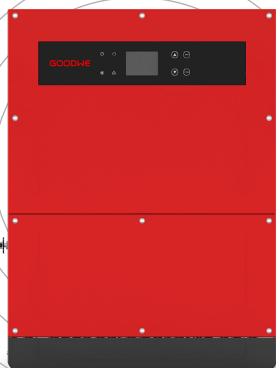
SDT Series – Three
Phase – Dual MPPT



5000SDT / 6000SDT/ 8000SDT
10KSDT/ 15KSDT/ 20KSDT

Commercial and Industrial Solutions

MT Series – Three
Phase – 4 MPPTs



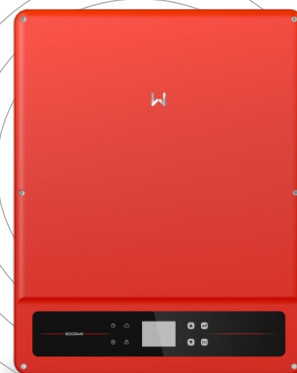
25KMT / 20KMT
36KMT

HT Series – Three Phase
Upto 12 MPPTs



100K-HT / 120 K-HT

SMT Series – Three
Phase – Upto 6 MPPTs



50KSMT / 60KSMT

UTILITY SOLUTIONS

UT Series – Three Phase
12/15 MPPTs



GW 320KH-UT / GW350H- UT

HT Series -Three Phase
6/12 MPPTs



GW 225 K-HT / GW 250K-HT



String Level
Monitoring



Up To 150% Dc Input
Overshining



Up to 115% AC output
overloading



Up to 99% max
Efficiency



Full-load
Running at 50°C



Power line
Communication

COMMERCIAL & INDUSTRIAL BOS:

Walkway

Rooftop walkway system helps extend the life of commercial and industrial rooftop, while providing a safe pathway to roof mounted equipment. It provide the optimal solution to extend the life of your roof, while providing a safe pathway to roof mounted support equipment. Bhasu Energy provides walkway in Hot Dipped Galvanized, Aluminium & FRP material.

G.I Walkway

Type	- C type	Surface Type	- Hot Dipped Galvanized
Color	- Silver	Thickness	- 2mm, 1.6mm
Material	- Mild Steel	Dimension	- 300 x 2000 mm



Aluminium Walkway:

Material Grade	- 6063- T6	Standard width	600/800/1000 mm
Position	- Rooftop	Length	1000/2000/3000 mm
Surface Treatment	- Anodized		



FRP Walkway

Thickness	: 25 mm
Size	: 273 mm, 310 mm, 600 mm Width
Color	: Yellow
Mesh size	: 38mm X 38mm
Length	: 2000 mm, 3660 mm



Hand Rails:

Bhasu Energy provides high quality industrial safety handrails which can be used to guard high platforms, stairways, walkways, towers, or any other areas where safety is a priority. Available in Hot dip galvanized, Aluminium & FRP materials, and Sizes 900mm X 50mm X 50mm & 750mm X 50mm X 50mm



Hot Dipped Galvanized



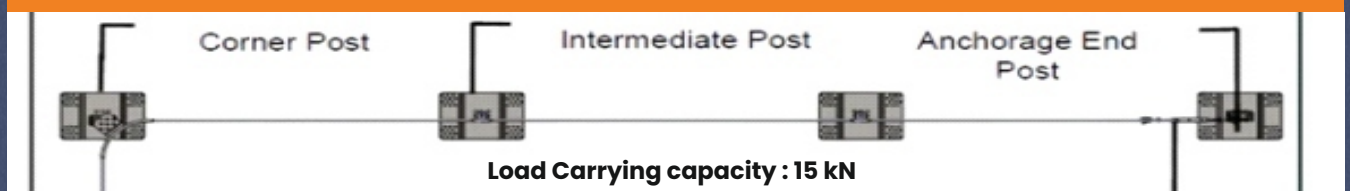
Aluminium Hand Rail



FRP Hand Rail

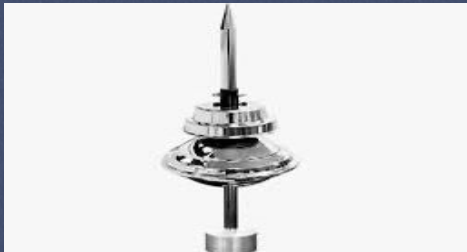
Safety Line

Bhasu Energy provides Horizontal Safety line with permanent anchorage to a user can move along an elevated roof for maintenance of Solar Panels or roofs. It comprises of a stainless steel wire rope in material grade SS316 L of diameter 8mm running along horizontal track and with installed end user extremity anchorage post. Intermediate brackets hold the wire in position.



Lighting arrester

The ESE Lightning Arrester, also known as Active Lightning Arrester, provide an enhanced Radius of Protection, reducing the number of Lightning Arresters and down conductors needed for your building or solar project while still providing complete protection. Bhasu Energy provides best in class lightning arresters for enhanced protection of solar projects.



Lighting Protection Material	: Stainless Steel
Air Terminal Diameter	: 82 mtr /108 mtr
Color	: Silver
Mast Height	: 5 mtr

Ballast Structures

Most suitable for RCC Roofs, Pitched roofs with Trapezoidal Metal Sheet or Sandwich panels



- Length of 1000mm and 2000mm
- 6063 Aluminium T6 Grade
- Universal module clamps are suitable for Portrait and Landscape orientation
- Innovative and statically optimized ballast type structures which are easily to mount
- Designed for 170kmph wind speed

Aluminium Mini Rail

Aluminium Mini Rail – Most suitable for factories sheds, metal roofs, tin sheds, warehouses, cold storage solutions



Mid Clamp



End Clamp



Mini Rail



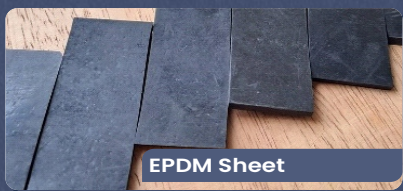
T - Nut



SS304 Allen Cap Bolt
(M8 X 20 mm)



SS304 Allen Cap Bolt
(M8 X 50 mm)



EPDM Sheet



Blind Rivit

Specifications:

- Aluminium 6063 T6 Industrial grade
- Mini rail of 300 mm length for economical purpose
- Export quality
- Wind speed tested upto 180 km/ hr
- Suitable for all modules

POLYCAB

IDEAS. CONNECTED.

Material : Copper | Aluminium

Polycab an ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 company is India's no.1 cables & wires company with a glorious track record of over 4 decades. Manufacturing facilities at Halol (vadodara), Daman, Nashik and Roorkee in India, addresses to the specific needs with state-of-the-art machinery and technology.



Solar DC CABLE

1C X 4 sq mm & 1C X 6 sq mm

Advantages:

- Commercially reasonable prices
- Reliable & consistent quality
- Product development as per market
- A target stocking policy
- Technical support for application

Residential BOS- Starting from 1 kW

ACDB & DCDB

Bhasu PV AC/DC distribution box consists of DC distribution unit and AC distribution unit. The DC distribution unit is mainly used to collect the DC from the PV panels and supply it to the inverter. The AC distribution unit is used to provide the AC converted by the inverter for the grid connection interface.

- IP 65/66 protected(PC Enclosure)
- Short circuit & overload Protected
- Over voltage protected(P+N)
- No Air condensation
- Cu wired with FR insulation & UV resistant
- Tested wire harnessing to ensure high conductivity
- No Earth Leakage Current
- Suitable for TT & TN System
- Easy to Install & Service
- World class quality with best industry price
- Designed for 25 years life time



Earthing Materials:

Earthing, also known as grounding, is an important part of solar power installations that uses materials like Earthing pits and rods to protect People and equipment from Electrical faults and lightning strikes. Bhasu provides high Quality earthing material at the lowest price.



Connectors:

Mc4 Connectors are single contact electrical connectors commonly used for connecting solar panel . MC Stands for Multi Contact and 4 for the 4 mm diameter contact pin.

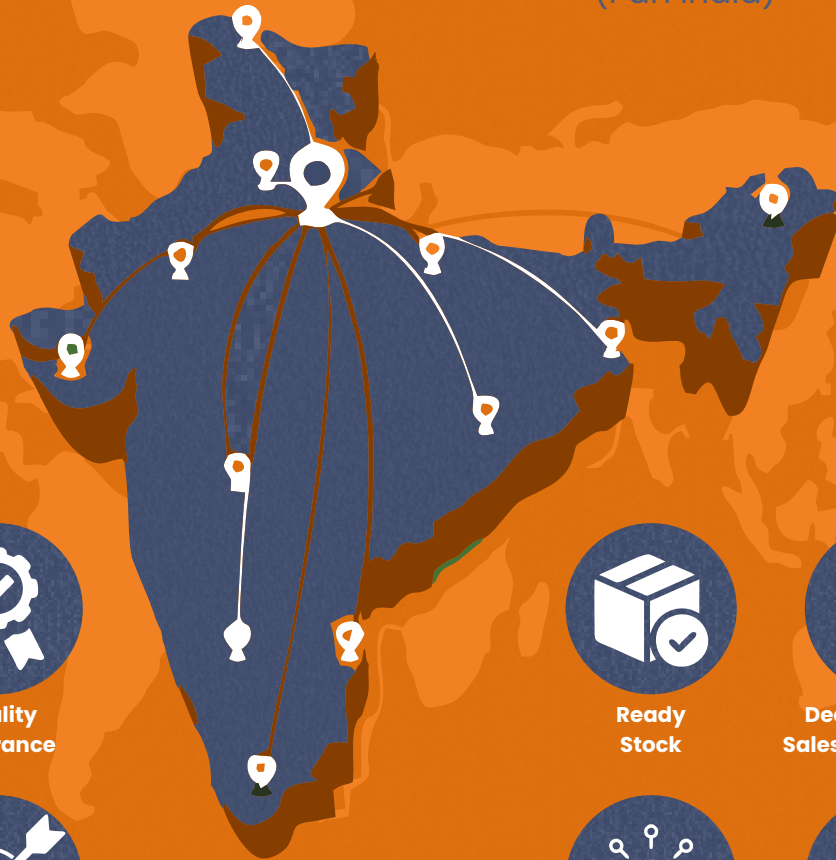


- Insulation material to prevent from electric shock
- IP67 rated protection degree makes it waterproof.

Bhasu Energy delivering products to every

CORNER POSSIBLE

(Pan India)



WHY CHOOSE BHASU?



24 x 7 Service Support



Quality Assurance



Ready Stock



Dedicated after Sales Support team



Customized Solutions



Competitive Pricing



Authorised Channel partner



Pan India distribution



BHASU ENERGY

SYSTEMS LLP



89777 65352 | 89777 65350



www.bhasuenergy.com



sales@bhasuenergy.com

Authorised Distributor of :

GOODWE |  **SAATVIK**