



+91 9091923444 | sales@orianasolar.com

YOUR *RELIABLE PARTNER*
FOR *SEAMLESS DISTRIBUTION*





About Us

Oriana Energies Private Limited

Authorised Channel Partner of **WAAREE, WAACAB & Lauritz Knudsen** Electrical & Automation, **Elmex & FiberX**.

At Oriana Energies , we lead India's sustainable energy revolution. Oriana is an authorized distributor of industry's leading brands of multiple solar products such as WAAREE, L&T, SolarEdge,Staubli, Elmex, Polycab, Waacab , FiberX etc. that we always keep in stock at our multiple warehouses SKU's to provide fast delivery to our customers at a very competitive price.

Oriana Energies is India's most trusted, experienced, and pure play solar panels distributor adding value to customers success.

We have wide range of products Including Solar PV Panels, Solar Inverters, Energy Meters, FRP Walkways, Li-ion Battery, ACDB, DCDB, Solar Cables, MC4 Connector, Cable tie & Solar



Vision

We strive to transform the future of the planet through renewable energy.

To make significant contribution to sustainable development by working towards the reduction of carbon footprints locally and globally by harnessing & channelizing solar energy to provide high-tech energy solutions.



Mission

To pioneer the transformation of India's energy landscape by providing cutting-edge, sustainable, & customized solar solutions. We are dedicated to empowering individuals, communities, & industries with reliable, cost-effective, and environmentally friendly solar energy systems.



Core Values

- Respect and Dignity at work place
- Highest Standards of Excellence
- Better Together
- Lead through Integrity
- Ever Curious, Focused, Inventive, Evolving

Why Oriana Energies Private Limited ?



9 Years of Proven Expertise



Best in class Products



Committed Delivery



Competitive Rates



Prompt Tech. Support



Provides O & M Services



Assist EPC Integrator with **Surya Shakti Project Finance** without collateral



In-house design & engineering facility for **Project Support**

Topcon N type Bifacial

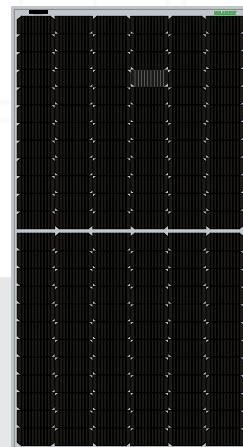
- Highest reliability & enhanced crack tolerance MBB
- Sustain heavy snow & wind loads (5400 Pa & 2400 Pa)
- Best-in-Class Thermal Co-efficients
- Highest Commercial Gains, lower LCOE
- Better weak light performance
- Excellent PID resistance

580 WP

590 WP

595 WP

690 WP



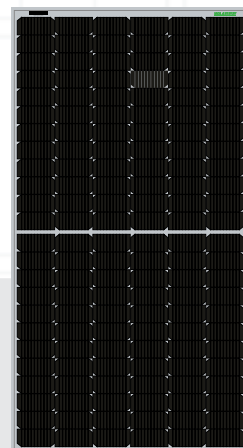
Bifacial Modules

- Highest Reliability & Enhanced Crack Tolerant
- Module Utilizing Half Cut cell for Optimum Performance
- Full square Mono PERC MBB cells
- Best-in-Class Thermal Co-efficients
- Highest Commercial Gains, lower LCOE
- Split Junction Box improves Heat Dissipation
- Increase shade tolerance
- Mono Bifacial Non-DCR

540WP

545WP

550WP

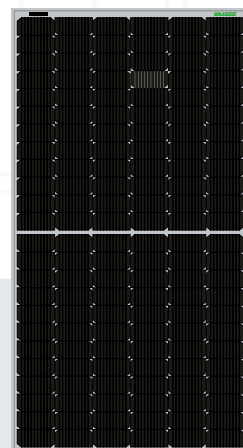


Mono Non DCR

- Highest Reliability & Enhanced Crack tolerant MBB Module
- Module Utilizing Half Cut cell for Optimum Performance
- Highly Efficient Mono PERC M10 cells
- Highest Commercial Gains, lower LCOE
- Split Junction Box improves Heat Dissipation
- Increase Shade Tolerance
- Best-in-Class Thermal Co-efficients

540WP

545WP

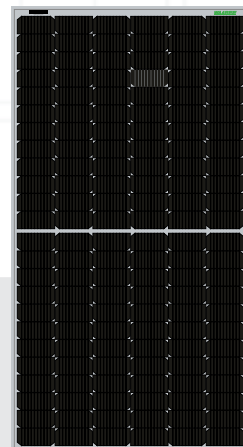


Topcon DCR for Subsidy

- Highest reliability & enhanced crack tolerant MBB module
- Sustain heavy snow & wind loads (5400 Pa & 2400 Pa)
- Highest commercial gains, lower LCOE
- Best in class thermal coefficients
- Better weak light performance
- Excellent PID resistance
- Increase shade tolerance

550WP

565WP

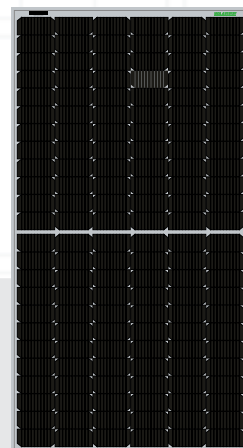


Bifacial DCR for Subsidy

- Highest reliability & enhanced crack tolerant MBB module
- Module utilizing Half cut cell for optimum performance
- Highly efficient Mono PERC M10 cells
- Best in class thermal coefficients
- Split junction box improve heat dissipation
- Highest commercial gains, lower LCOE
- Increase shade tolerance

540WP

545WP



Single Phase Inverter Series (3KW to 6KW)

Performance. Flexibility. Future-ready.



- Low Start up Voltage
- Max Efficiency – 97.4%
- IP65 – Ingress Protection
- Easy Installation
- MPPT Efficiency – 99%
- Anti Islanding and Surge Protection
- Complaint to Safety standard – EN & IEC
- Remote Monitoring



Range – 3, 3.3, 4.5, 5, 6 KW

Three Phase Inverter Series (3KW to 25KW)

Powering Performance for Homes and Businesses



- Low Start up Voltage
- Max Efficiency – 98.6%
- IP65 – Ingress Protection
- Easy Installation
- MPPT Efficiency – 99.8%
- Smart Air-Cooling System
- Anti Islanding and Surge Protection
- Complaint to Safety standard – EN, BIS & IEC
- Remote Monitoring



Range – 3, 4, 5, 6, 8, 10, 15, 20, 25 KW

Three Phase Inverter Series (25KW to 80KW)

Powering Large-Scale Performance with Precision



- Max Efficiency 98.7%
- Surge Protection
- AFCI – Arc Fault Circuit Interrupter
- Smart Air-cooling system
- Up to 40A input current, Compatible with Bifacial Module
- PV String Current Monitoring
- PID Recovery
- C5 – Anti Corrosion
- IP66 – Ingress Protection



Range – 25, 30, 50, 60, 80 KW

Three Phase Inverter Series (100KW to 136KW)

Engineered for Large-Scale Commercial Solar Systems



- Max Efficiency 98.6%
- Surge Protection
- AFCI – Arc Fault Circuit Interrupter
- Smart Air-cooling system
- 20A input current, Compatible with Bifacial Module
- PV String Current Monitoring
- PID Recovery
- C5 – Anti Corrosion
- IP66 – Ingress Protection



Range – 100, 110, 125, 136 KW

All in one Solar Kit



Ease of Transport



Reduce Purchase Time



Easy Installation



12 Years Module Warranty



8 Years Inverter Warranty



30 Years Performance Warranty

Sizes Available: Single Phase 3 KW & 5 KW

Specially designed for Surya Ghar Muft Bijli Yojana

Energy Meters (Formerly known as L & T Switchgears)

Netmeters

1PH 5-30 A NET METER

- 1Phase 2Wire EM 240V
- 5-30A
- Accuracy 1.0 A
- DNET
- Measurement : KWh, V, A, KVAh, KVArh
- Warranty: 60 Months
- Cat No:- WM101BC5DNET



3PH 10-40 NET METER

- 3Phase 4Wire TVM 3*240V
- 10.40A
- Accuracy : 1.0 A
- MSNET1
- Measurement : KWh, V, A, KVAh, KVArh
- Warranty: 60 Months
- Cat No:- WR300BC63MSNET1



40-200 IN-BUILT CT 3PH NET METER

- 3Phase 4Wire 3*240V
- 40-200A
- Accuracy : 1.0
- 4G TTM MSEDCL
- Measurement : KWh, V, A, KVAh, KVArh, also TOD
- Energy Measurement for quadrant 1,2,3,4
- Warranty: 60 Months
- Cat No:- WR300BC63MSDLMS



ABT METER

- 3Phase 4Wire, 63.5V TVM
- 5-10A PTR
- 11kV/110V
- Accuracy: 0.2S
- 4PORT B MSEDCL
- Measurement : KWh, V, A, KVAh, KVArh
- Warranty: 60 Months
- Cat No:- WR300BB51ABTMSEDCL



Energy Meters (Formerly known as L & T Switchgears)

Genmeters

1PH 5-30 A DLMS GEN METER

- 1Phase 2Wire 240V
- 5-30A
- Accuracy 1.0 A
- 4G TTM MSEDCL
- Measurement : KWh, V, A, KVAh, KVArh, also TOD Energy Measurement for quadrant 1,2,3,4
- Warranty: 60 Months
- Cat No:- WM101BC5MSDLMS



3PH 10-60 A DLMS GEN METER

- 3Phase 4Wire 3*240V
- 10-60A
- Accuracy : 1.0 A
- RS232 C2 MSDLMS
- Measurement : KWh, V, A, KVAh, KVArh, also TOD Energy Measurement for quadrant 1,2,3,4
- Warranty: 60 Months

40-200 IN-BUILT CT 3PH GEN METER

- 3Phase 4Wire 3*240V
- 40-200A
- Accuracy : 1.0
- 4G TTM MSEDCL
- Measurement : KWh, V, A, KVAh, KVArh, also TOD Energy Measurement for quadrant 1,2,3,4
- Warranty: 60 Months
- Cat No:- WR300BC9DMSDCL



LTCT -/5 A

- 3Phase 4Wire LTCT TVM 240V
- -/5A
- Accuracy 0.5s
- RS232 A MSEDCL
- Measurement : KWh, V, A, KVAh, KVArh also TOD Energy Measurement for quadrant 1,2,3,4.
- Warranty: 60 Months
- Cat No:- WR300BC52M0MXDLMS.

solar^{edge} | Solar On-Grid Inverters

Single Phase Inverter Series (3KW to 5KW)

Solaredge Inverter With Optimizer



- 99% weighted efficiency (33%-50% fewer losses than the market standard)
- Extremely small, lightweight and easy to install
- Up to 155% oversizing allowed
- High reliability due to lower heat dissipation
- Fixed voltage inverter for longer strings
- Standard 8-year warranty

Range - 3, 4, 5, KW

Three Phase Inverter Series (5KW to 10KW)

Solaredge Inverter With Optimizer



- 99% weighted efficiency (33%-50% fewer losses than the market standard)
- Extremely small, lightweight and easy to install
- Up to 155% oversizing allowed
- High reliability due to lower heat dissipation
- Fixed voltage inverter for longer strings
- The inverter has internet communication via Ethernet or wireless connection

Range - 5, 8, 10 KW

STÄUBLI | MC4 Connector,

Stäubli is a globally recognized technology company with a history dating back to 1892. The company is a pioneer and leader in the fields of Electrical Connectors, Fluid Connectors, Robotics, and Textile Machinery. Stäubli operates manufacturing facilities and service centers across multiple countries worldwide, delivering innovative, high-quality, and reliable solutions to industries such as renewable energy, industrial automation, transportation, and manufacturing. The company is committed to excellence, sustainability, and technological innovation, with its global operations certified to internationally recognized quality and environmental management standards.

MC4 Connector



Specifications

Rated Voltage	1000V / 1500V DC
Rated Current	Up to 45A
Protection Rating	IP67 Waterproof
Operating Temperature	-40°C to +85°C
Standards	IEC 62852 & UL 6703 Certified

MC4-Evo 2000



MC4-Evo 2



MC4-Evo Reday



POLYCAB | DC Cable

IDEAS. CONNECTED.

Polycab Solar DC Cables (4 sq.mm & 6 sq.mm) are engineered to deliver superior performance, safety, and reliability in solar photovoltaic systems. Manufactured with high-quality copper conductors and advanced insulation materials, these cables provide excellent resistance to UV radiation, moisture, ozone, and extreme weather conditions. Designed for long service life and minimal power loss, Polycab Solar DC Cables ensure efficient energy transmission between solar panels and inverters. Their robust construction, flexibility, and compliance with international standards make them the preferred choice for residential, commercial, and utility-scale solar installations. Choose Polycab for

Polycab DC Cable: 4 Sq mm



Nominal Cross Sectional (Sq . mm)	2.5	4.0	6.0
Cable Diameter (mm) as per EN	5.3	5.9	6.6
Max . Conductor Resistance at 20 ° C , (2 / km)	8.21	5.09	3.39
Conductor Material	Tinned Copper	Tinned Copper	Tinned Copper

Polycab DC Cable: 6 Sq mm

Nominal Cross Sectional (Sq . mm)	2.5	4.0	6.0
Cable Diameter (mm) as per EN	5.3	5.9	6.6
Max . Conductor Resistance at 20 ° C , (2 / km)	8.21	5.09	3.39
Conductor Material	Tinned Copper	Tinned Copper	Tinned Copper



MC4 Connector, Y Connector & SPD

'elmex' was established in 1963 and is a pioneer and leader in the field of Wire Termination Technology in India. 'elmex' is having manufacturing facilities in Vadodara, Gujarat, certified as per ISO 9001:2015 and ISO 14001:2015.

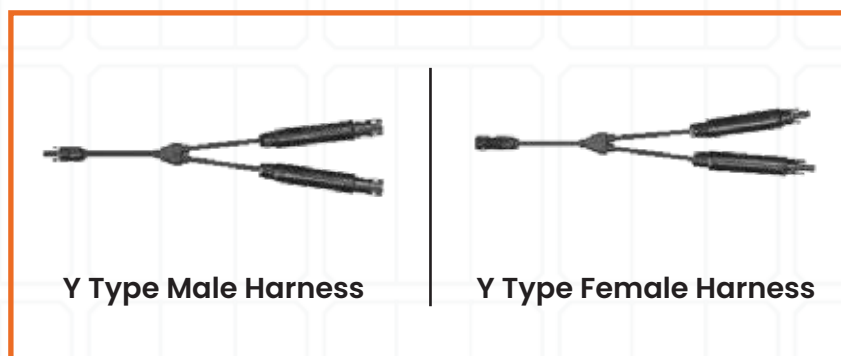
MC4 Connector



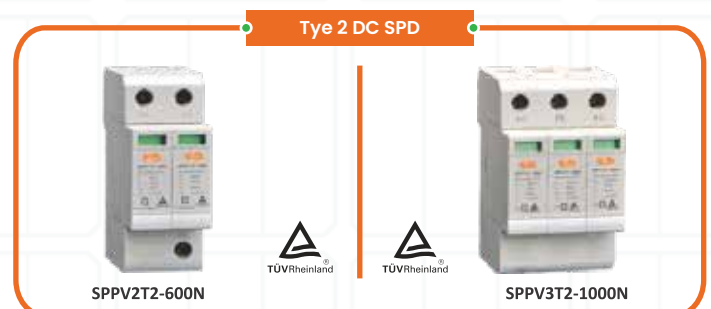
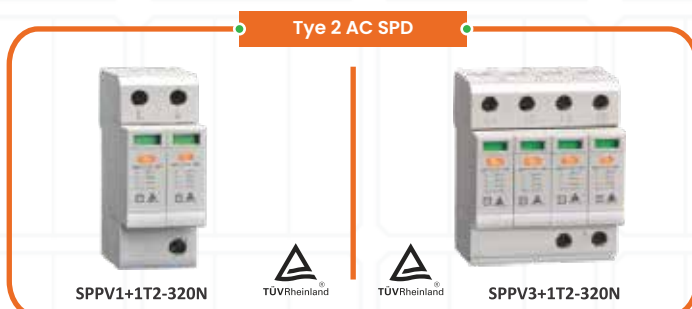
Specifications

Rated Voltage	1500V DC (IEC)
Rated Current	25 A (2.5 mm ²), 45 A (4 mm ²), 54 A (6 mm ²)
Ambient temperature range	-40 °C... + 85 °C (IEC)
Degree of Protection	IP68 (when mated)
Contact material	Copper with Silver Plating
Contact Resistance of plug connectors	≤ 0.25 mΩ
TÜV Rheinland certified according to IEC 62852 : 2014	R 60126561

Wire Harnesses With Fuse



● Surge Protection Devices ●



DC Cable

WAA Cables Private Limited is a leading manufacturer of high-quality cables and wires, established in 2019 in Gandhinagar, Gujarat and engaged in the business under the **WAACAB** brand name. The company has a state-of-the-art production facility that ensures compliance with **international standards, customer satisfactions** and has been recognized for its **excellence in quality, innovation** and **performance by multiple prestigious awards and accolades**.

With the motto of 'Connecting the Sun to Grid', WAA cables solar segment delivers **solar cables, solar connectors, ACDB & DCDB** to all end users.



DC Cable: 2.5 Sq mm

DC Cable: 4 Sq mm

DC Cable: 6 Sq mm

Nominal Cross Sectional (Sq . mm)	2.5	4.0	6.0
Cable Diameter (mm) as per EN	5.3	5.9	6.6
Max . Conductor Resistance at 20 ° C , (2 / km)	8.21	5.09	3.39
Conductor Material	Tinned Copper	Tinned Copper	Tinned Copper

MC4 and Branch Connector

MC4 Connectors

• COPPER WITH TIN PLATED • 30 A • 1500 V DC • IP68



MTC 4 T CONNECTOR (LQ-1)



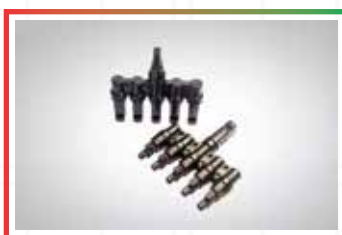
2 in 1 Branch Connector



3 in 1 Branch Connector



4 in 1 Branch Connector



5 in 1 Branch Connector



Fuse Connector



Y Connector

AC Distribution Boxes



1PH 32A 1 IN 1 OUT



3PH 32A 1 IN 1 OUT



3PH 40A 1 IN 1 OUT



3PH 63A 1 IN 1 OUT

DC Distribution Boxes



1 IN 1 OUT 1 SPD 1000V

1 IN 1 OUT 1 SPD 600V



2 IN 2 OUT 2 SPD 1000V

2 IN 2 OUT 1 SPD 1000V



3 IN 3 OUT 3 SPD 1000V

3 IN 3 OUT 2 SPD 1000V



4 IN 4 OUT 4 SPD 1000V

4 IN 4 OUT 2 SPD 1000V

Solar Rooftop Walkways!

Durability:

Constructed from Fiber-Reinforced Polymer (FRP), these walkways are highly resistant to corrosion, UV rays, and harsh weather, ensuring long-lasting performance.

Non-Slip Surface:

The walkways feature a textured, non-slip surface for safe and secure access, reducing the risk of slips and falls.

Lightweight and Strong:

Despite their lightweight design, the walkways offer exceptional strength, making them easy to install without compromising on durability.

Customizable Design:

Available in various sizes and configurations, the walkways can be tailored to meet the specific needs of different rooftop layouts and requirements.

Low Maintenance:

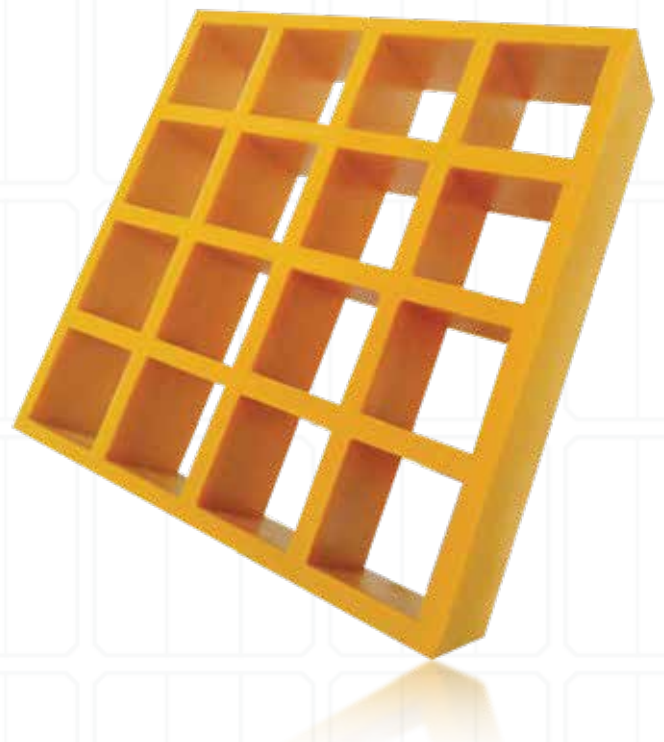
The FRP material is low maintenance, requiring minimal upkeep and providing a cost-effective, long-term solution.

Specifications

Product Code: FX-WW 25*(38*38)

Walkway Size	Height	Mesh Size	Rib Thickness
310*3660	25	38*38	7-5

Walkway Size	Height	Mesh Size	Rib Thickness
272*3660	25	38*38	7-5





Our Showroom



Address

Office No 1, Sai Highness, Near Mahindra Showroom,
Kokane Chowk, Pimple Saudagar, Pune-411017

Oriana Warehouse



Address

BLR Logistics (I) Ltd, Plot No 16, Chakan Industrial Area,
Phase 2, Khalumbre, Tal- Khed, Chakan, Pune 410501



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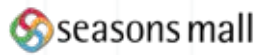


Achievements and Awards





Our Prestigious Clients



And Many
More...

Oriana Energies Private Limited

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