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***YOUR RELIABLE PARTNER  
FOR SEAMLESS DISTRIBUTION***





## About Us

### Oriana Solar System LLP

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

At Oriana Solar, 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, HPL 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 Solar 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 Project Kit etc.



#### 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 Solar System LLP ?



8 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

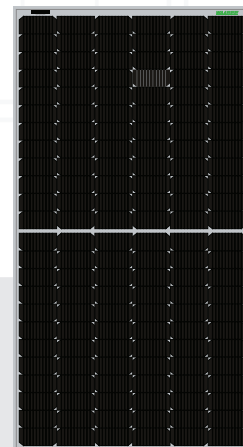
- Highest reliability & enhanced crack tolerance MBB
- Sustain heavy snow & wind loads (5400 Pa & 2400 Pa)
- Best-in-Class Thermal Co-efficients
- Highest Commercial Gains, lower LCOE
- Better weak light performance
- Excellent PID resistance

**580 WP**

**590 WP**

**595 WP**

**690 WP**



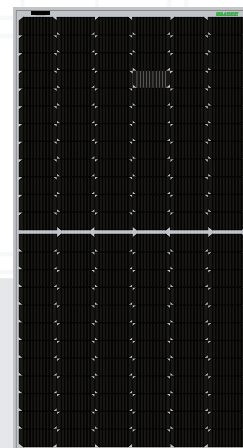
## Bifacial Modules

- 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**

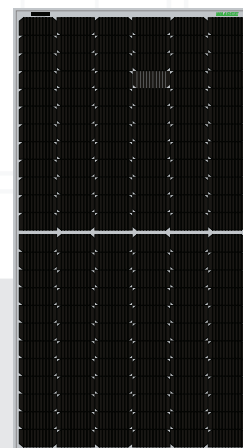


## Mono Non DCR

- 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**

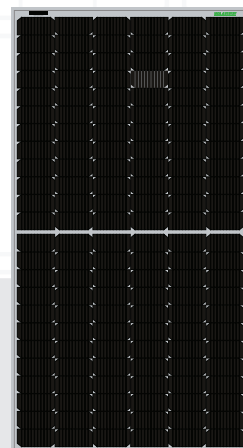


## Bifacial DCR for Subsidy

- 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

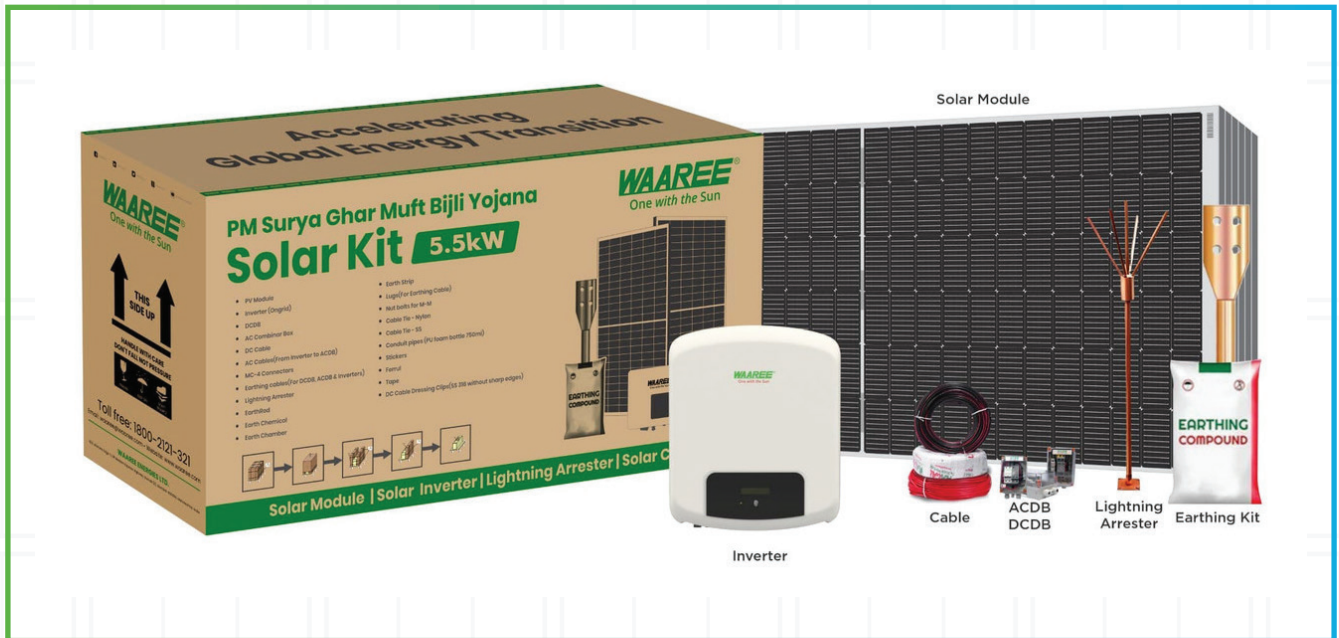


- Max Efficiency 98.6%
- Surge Protection
- AFCI – Arc Fault Circuit Interrupter
- Smart Air-cooling system
- 20A input current, Compatible with Bifacial Module
- PV String Current Monitoring
- PID Recovery
- C5 – Anti Corrosion
- IP66 – Ingress Protection



**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 Bijali Yojana**

## 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



**Type 2 DC SPD**

### Specifications

Rated Voltage	1500V DC (IEC)
Rated Current	25 A (2.5 mm <sup>2</sup> ), 45 A (4 mm <sup>2</sup> ), 54 A (6 mm <sup>2</sup> )
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



**Y Type Male Harness**



**Y Type Female Harness**

### ● Surge Protection Devices ●

#### Type 2 AC SPD



SPPV1+1T2-320N



SPPV3+1T2-320N

#### Type 2 DC SPD



SPPV2T2-600N



SPPV3T2-1000N

## 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:

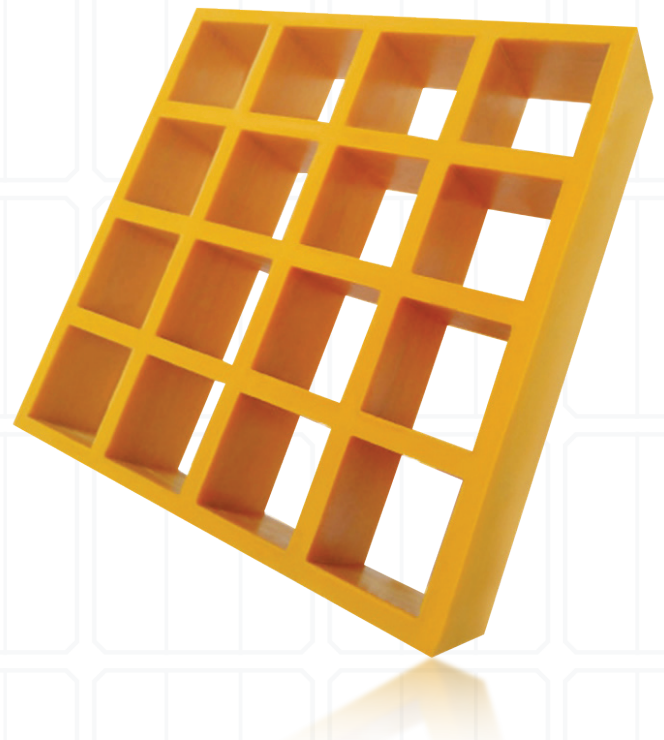
The FRP material is low maintenance, requiring minimal upkeep and providing a cost-effective, long-term solution.

## 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



## 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

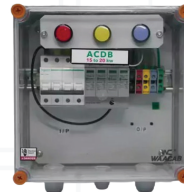


Y Connector

### 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**

## 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
- MSNETI
- Measurement : KWh, V, A, KVAh, KVArh
- Warranty: 60 Months
- Cat No:- WR300BC63MSNETI



#### 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.



## Our Showroom



### Address

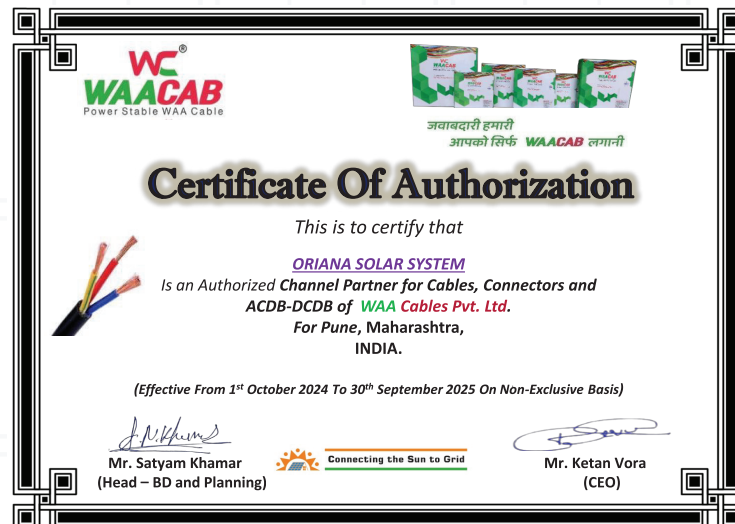
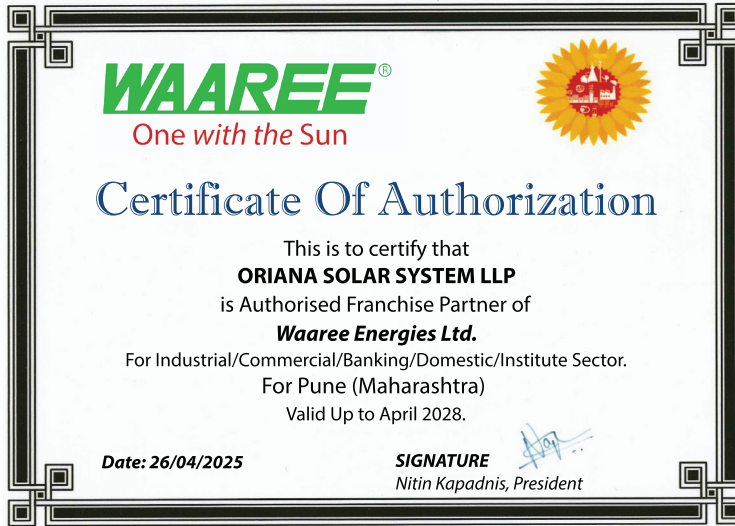
Office No 1, Sai Highness, Near Mahindra Showroom,  
Kokane Chowk, Pimple Saudagar, Pune- 411017

## Oriana Warehouse



### Address

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





## Achievements and Awards





## Our Prestigious Clients

			
			
			
			
			
			<b>And Many More...</b>

# Oriana Solar System LLP

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