

# Helios Power

shine with renewable vitality





# Introduction

**Helios Power**, established in 2023, is a pioneering manufacturer, exporter, and service provider specializing in a wide range of photovoltaic (PV) Connectors and PV Split Junction Box. With a strong commitment to innovation and sustainability, we cater to the renewable power industry by offering state-of-the-art electrical and electronic components, PV combiner boxes, and accessories.

Our expertise lies in utilizing advanced automation and injection molding technologies to produce high-quality, reliable solutions. Our product portfolio includes electrical PV Straight Connector, PV Panel Connector, PV Y-type Customized Wire harness solutions with and without Inline Fuse, PV Split Junction Boxes for PV module, PV DCDB & ACDB Enclosure, AC Cable Junction Boxes and various PV accessories.

At Helios Power, we are dedicated to supporting renewable energy initiatives through cutting-edge technology and superior service, making us a trusted partner in the global transition to clean energy.

# Our Vision

At **Helios Power**, we are driven by purposeful innovation. We see opportunities where others do not, and we take decisive action. Through business innovation, product development, and service excellence, our goal is to enhance the industry that powers the world.

Our focus is on service above all else, with a singular mission to advance our customers' businesses. By anticipating their needs, we collaborate closely to deliver exceptional products and services on time and within budget.

We are dedicated to a customer-centric approach, ensuring continuous improvement in quality and processes. Our commitment is to provide reliable, innovative design and engineering solutions with a focus on excellence in execution.

At **Helios Power**, teamwork is at the heart of everything we do. We take pride in achieving our goals and delivering a job well done, inspired by a shared sense of purpose and satisfaction in meeting our clients' expectations.

We are steadfast in our promise to provide high-quality products with punctual delivery, meeting and exceeding our clients' needs every time.



# Our Mission

To support and serve PV industries with products that offer relentless reliability, consistently meeting our customers' needs by designing and developing innovative solutions. Our goal is to enhance product efficiency, extend service life, and maximize power generation, positioning ourselves as a leader in the renewable power industry.

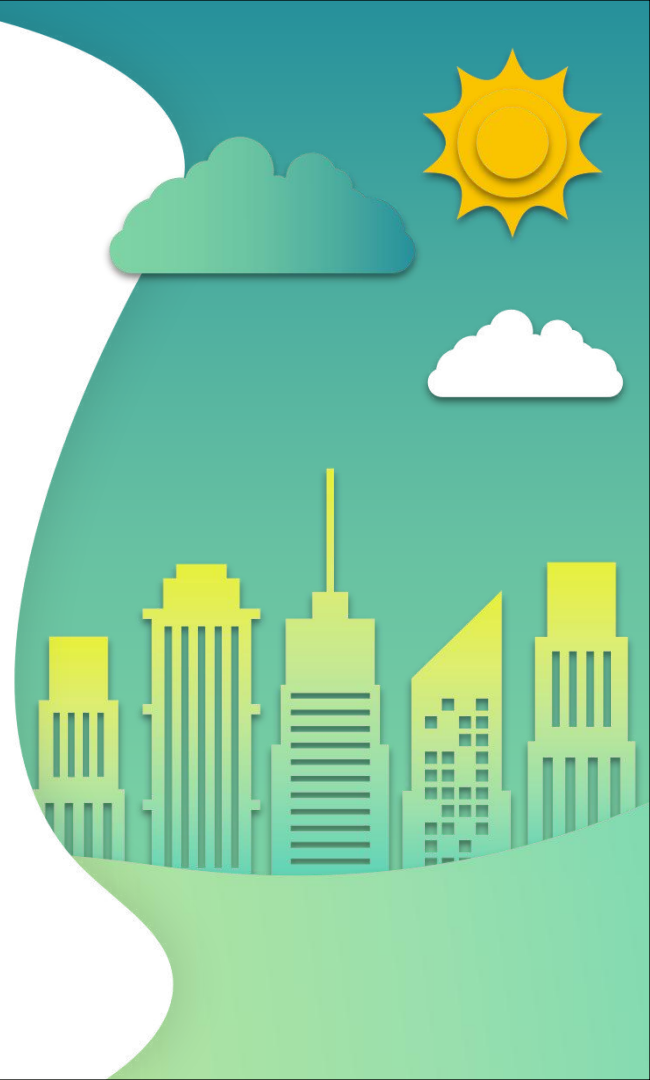
We aim to lead the PV module component manufacturing sector by promoting homegrown, Indian-designed, developed, and produced products with 50GW Capacity by 2030.





# Milestone

Our achievement



# Renewable Energy Roadmap

April -23 July-23

PV connector

Manufacturing  
of Enclosure  
box

November-23

Start manufacturing  
of PV wireharness

February-24

Manufacturing of  
ACDB & DCDB  
Enclosure

June-24

PV Split Junction Box  
for PV Modules  
**5 GW Capacity  
50GW by 2030**

September-24

TUV Certification of  
PV Connector, Panel  
Connector and  
Branch Connector

February-24

TUV Certification of  
PV Split Junction Box

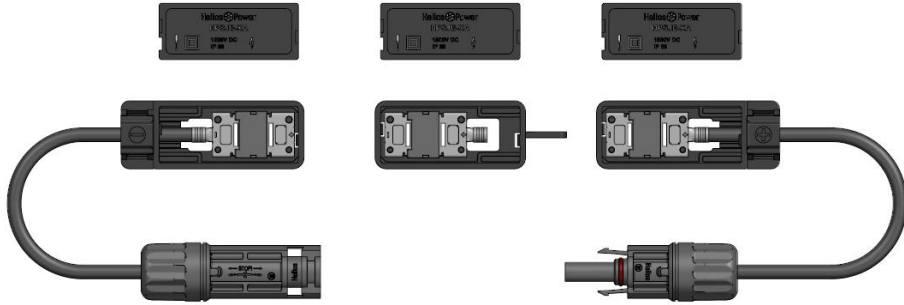




# Our Product

- PV Split Junction Boxes
- PV Straight Connector
- PV Wire harness
- PV Straight Panel Connector
- PV Straight Inline Fuse Connector
- Cable Junction Box
- DCDC & ACDB Enclosure
- Solar cable clip

# PV Split Junction Box



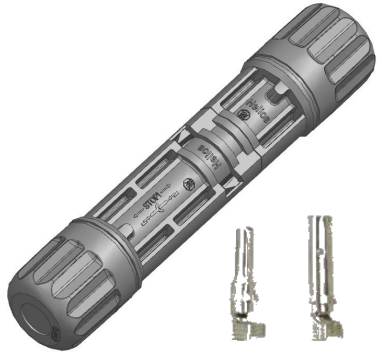
- Suitable for 1500VDC System Design
- Highest Diode Current Rating up to 25A/30A/35A
- Integrated Chip Type Schottky Diode
- 4 Sq.mm Solar DC Cable with Customization in Length.
- Dust & Water Ingress Protection : IP68
- UV Resistance
- Applicable standard IEC 62790:2020
- Suitable for Monoperc, Bifacial, Topcon cell type M10 & M12 PV Modules

5 GW Capacity  
Expansion plan 50 GW by 2030



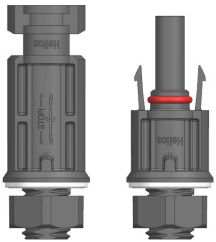


# Solar Plug-in Connector



- Suitable for 1500VDC System Design
- Highest Current Rating 50A
- Compatible with 2.5, 4 & 6 Sq.mm DC Solar Cable.
- Dust & Water Ingress Protection : IP68
- UV Resistance
- Applicable standard IEC 62852:2014 (Amd. 2020-Under process.)
- Lowest Contact Resistance  $\leq 0.25\text{m}\Omega$
- Ambient Temperature Range - 40°C to +85°C
- Rated Impulse Voltage 16kV

# Solar Panel Connector



- Suitable for 1500VDC System Design
- Highest Current Rating 50A
- Compatible with 2.5, 4 & 6 Sq.mm DC Solar Cable.
- Dust & Water Ingress Protection : IP68
- UV Resistance
- Applicable standard IEC 62852:2014 (Amd. 2020-Under process.)
- Lowest Contact Resistance  $\leq 0.25\text{m}\Omega$
- Ambient Temperature Range - 40°C to +85°C
- Rated Impulse Voltage 16kV





## PV Wire Harness

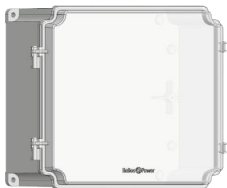
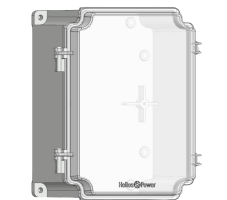
- 1500VDC System Design
- Dust & Water Ingress Protection : IP68
- UV Resistance
- Low contact resistance
- Customize with different size of DC cable length and size
- Customize with Inline-fuse Protection up to 32A



## PV Inline Fuse Connector

- 1500VDC System design
- Easy fuse Replacement provision
- Up to 32A Fuse Ø10 x 85mm
- UV Resistance
- Customize with different size of DC cable length and size
- Customize with Inline-fuse Protection up to 32A





## ACDB & DCDB Enclosure

- 185 x 130 x 100mm (Hinged Type)
- 210 x 180 x 100mm (Hinged Type)
- High Grade Plastic PC+ABS
- Dust & Water Ingress Protection : IP65
- UV Resistance
- Side knockouts for cable insert



## Solar Cable Clip

- High Quality with SS 304
- 20 years up life span
- Time saving while EPC
- No need to drill holes





# Certification

TUV Certification  
ERDA Certification  
ISO 9001:2015  
ISO 14001:2015  
CE Compliance

ZERTIFIKAT ♦ CERTIFICATE ♦ 證書 ♦ CERTIFIKAT ♦ CERTIFICADO ♦ CERTIFICAT

TC 3670037



# Our Certifications



Scan this QR code with  
smartphone to visit  
our website.



## Certificate of Compliance

This is to certify that the Products & spares of class 1 according to the Machinery Manufacturing Directive 2006/42/EC manufactured by

**NAME: HELIOS POWER**  
**ADDRESS: C/1/900/2/A, MAKARPURA ROAD, MAKARPURA GIDC, VADODARA - 390010, GUJARAT, INDIA**

**PRODUCTS: MANUFACTURING & TRADING OF PV PRODUCTS, ELECTRICAL & ELECTRONIC COMPONENTS, PV COMBINER BOXES, PV JUNCTION BOX, CABLE JUNCTION BOX, SOLAR DC CABLE CLIP AND ACCESSORIES FOR RENEWABLE POWER PLANTS & POWER INDUSTRIES.**

### COMPLIES WITH THE REQUIREMENTS APPLICABLE TO IT

The Certification Body has performed an independent audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the Machinery Manufacturing Directive 2006/42/EC.

### THIS CERTIFICATE IS ISSUED UNDER THE FOLLOWING CONDITIONS:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions on the quality systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above referenced product. It does not imply an assessment of the whole production.

### Certification Calendar:

Client Id: 10568

Certificate No: INCE1402568

Registered on: 14.02.2024

Issued on: 14.02.2024

Expires on: 13.02.2027

1<sup>st</sup> Surveillance on/before: 13.02.2025

2<sup>nd</sup> Surveillance on/before: 13.02.2026

Executive Director

RADIANCE QUALITY CERTIFICATIONS

Regd. Office - 20-22 Winkfield Rd, Hoxton,  
London N1 7GU, UK.



Regd. Off: 20-22 Winkfield Rd, Hoxton, London N1 7GU, UK

### Terms & conditions

1. Validity of this certificate is subject to the organization maintaining its system in accordance with respective management system standards along with RQC requirements.
2. This certificate remains the property of radiance quality certifications to whom it must be returned upon request.
3. Use of logo must be in accordance with the requirement of the UKAS accreditation board (in any failure to meet the requirement shall be held liable for actions).
4. This certificate is not final evidence of certification status, status must be verified in writing from [info@radiance.co.uk](mailto:info@radiance.co.uk) or it can be verified online at <http://radiance.co.uk/certified-client>.

## Certificate of Registration

This is to Certify That  
Quality Management System of

**HELIOS POWER**

C/1/900/2/A, MAKARPURA ROAD, MAKARPURA GIDC,  
VADODARA - 390010, GUJARAT, INDIA.

has been assessed and found to conform to the requirements of

**ISO 9001:2015**

for the following scope :

MANUFACTURING & TRADING OF PV PRODUCTS, ELECTRICAL & ELECTRONIC COMPONENTS, PV COMBINER BOXES, PV JUNCTION BOX, CABLE JUNCTION BOX, SOLAR DC CABLE CLIP AND ACCESSORIES FOR RENEWABLE POWER PLANTS & POWER INDUSTRIES.

Certificate No : 24MEEPH57

Initial Registration Date : 14/02/2024

Issuance Date : 14/02/2024

Date of Expiry : 13/02/2027

1st Surve. Due : 14/01/2025

2nd Surve. Due : 14/01/2026

ISO 9001:2015



**Magnitude Management Services Pvt. Ltd.**

Head Office: A-405, Sector-2, Noida, Gautam Buddha Nagar, U.P.-201301, India. e-mail: [info@mmscertification.com](mailto:info@mmscertification.com), website: [www.mmscertification.com](http://www.mmscertification.com)  
Subject to successful surveillance audits a new surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.  
Certificate Verification: Please check the validity of certificate at <http://www.mmscertification.com> or [info@mmscertification.com](mailto:info@mmscertification.com) or Active Clients.  
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

## Certificate of Registration

This is to Certify That  
Environmental Management System of

**HELIOS POWER**

C/1/900/2/A, MAKARPURA ROAD, MAKARPURA GIDC,  
VADODARA - 390010, GUJARAT, INDIA.

has been assessed and found to conform to the requirements of

**ISO 14001:2015**

for the following scope :

MANUFACTURING & TRADING OF PV PRODUCTS, ELECTRICAL & ELECTRONIC COMPONENTS, PV COMBINER BOXES, PV JUNCTION BOX, CABLE JUNCTION BOX, SOLAR DC CABLE CLIP AND ACCESSORIES FOR RENEWABLE POWER PLANTS & POWER INDUSTRIES.

Certificate No : 24MEEPT45

Initial Registration Date : 14/02/2024

Issuance Date : 14/02/2024

Date of Expiry : 13/02/2027

1st Surve. Due : 14/01/2025

2nd Surve. Due : 14/01/2026



**Magnitude Management Services Pvt. Ltd.**

Head Office: A-405, Sector-2, Noida, Gautam Buddha Nagar, U.P.-201301, India. e-mail: [info@mmscertification.com](mailto:info@mmscertification.com), website: [www.mmscertification.com](http://www.mmscertification.com)  
Subject to successful surveillance audits a new surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.  
Certificate Verification: Please check the validity of certificate at <http://www.mmscertification.com> or [info@mmscertification.com](mailto:info@mmscertification.com) or Active Clients.  
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.



# Contact Us

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India



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