RENIX
ENERGY

SOLAR MOUNTING SYSTEMS

CONTENT

INTRODUCTION

Renix specializes in designing and manufacturing high-quality mounting structure and cable tray ,cable trunk and cable ladder for a wide range of applications, including residential, commercial, and utility-scale projects. Known for providing innovative and easy-to-install mounting solutions, Renix Energy serves various sectors, including industrial, government, and utility. In addition to product offerings, we also provide expert consultation on system design and installation, ensuring that clients receive tailored solutions for their specific needs.

MISSION & STRATEGY

At Renix, our mission is to provide innovative and durable mounting structures for solar panels, cable tray ,cable trunk , cable ladder and electrical panel enclosures, enabling efficient renewable energy solutions and reliable power distribution. We are committed to delivering exceptional quality, fostering sustainability, and exceeding customer expectations through cutting-edge manufacturing and dedicated service.

OUR VISION

Renix envisions becoming a global leader in the manufacturing of mounting structures for solar energy, cable tray ,cable trunk , cable ladder and electrical systems. We aspire to drive the transition to a sustainable future by creating high-quality, cost-effective solutions that empower clean energy adoption and reliable power infrastructure across the globe.

COMPANY POLICIES

Quality and Innovation:

Ensure adherence to international standards, continuous improvement in product quality, and regular audits for reliability and customer satisfaction.

Environmental Responsibility:

Promote sustainable practices, eco-friendly materials, reduce waste and emissions, and work towards carbon neutrality.

Employee Well-being and Development:

Provide a safe work environment, ongoing safety training, professional growth opportunities, and encourage diversity and inclusivity.

Customer and Community Focus:

Build strong customer relationships with tailored solutions and transparent communication, while supporting local communities through job creation and social projects.

Ethical Compliance and Integrity:

Uphold ethical practices, adhere to legal standards, prevent corruption, and protect intellectual property and confidential information.

Innovation and Partnerships:

Invest in R&D, leverage advanced technologies, and collaborate with ethical suppliers and partners to drive business growth and sustainability.

RENIX ON VARIOUS LANDS

- Agricultural land
- Desert lands
- On the roofs
- Industrial applications

Solar PV Mounting Types:

1 Fixed PV
mounting system.

2 Adjustable
mounting system.

3 Tracking
mounting system.

GENERAL FEATURES:

- Our structure is designed and certified locally and internationally to ensure the maximum wind speed 145 km/hr.
- Our product has also ISO certification 9001:2015 for designing, manufacturing, supplying and installing solar mounting structures.
- Durable as they are designed to ensure optimal weight,
- Easy in installation, Time saving, Labor cost reduction.
- Galvanized steel & Aluminum 6063 Structures
- Excellent solution to rural properties as they can be used in rough terrain
- Expertly designed considering wind load and suited to any geographical region,
- Designed to ensure service life exceeds 25 years .
- Suitable to all weather and climatic conditions.

TYPES OF MOUNTING STRUCTURE:

1-GROUND APPLICATION SOLUTIONS

- Concrete Floor Applications
- Ramming Ground Applications
- Single Counterfort Applications

2-ROOF APPLICATION SOLUTIONS

- Standard Flat Roof Applications
- Metal corrugated roof Applications
- Tile Roof Mount

3-CARPORT APPLICATION SOLUTIONS

- Carport Application

4-Tracking Structure Application Solution

- Tracking Application

GROUND APPLICATION SOLUTIONS

The ground mounting system is designed for optimal cost performance, with pre-assembled support footings that are ready to be unfolded on-site. The design, created by experienced engineers, accounts for the high wind loads the system may encounter. It can be installed using either ground screws or concrete foundations, and its adjustable inclination and height offer flexibility in plant design. Constructed from aluminum or galvanized steel, the system is low-maintenance throughout its lifespan, fully recyclable, visually appealing, and easy to install quickly.

CONCRETE FLOOR APPLICATIONS

A solar panel mounting structure with concrete bases is a system used to securely install solar panels on the ground. It consists of sturdy frames made of metal (like aluminum or steel) that hold the solar panels in place. These frames are anchored to concrete bases, which provide stability and durability, especially in harsh weather conditions. The concrete bases are buried in the ground, ensuring the structure remains firm and properly aligned for optimal sunlight exposure.

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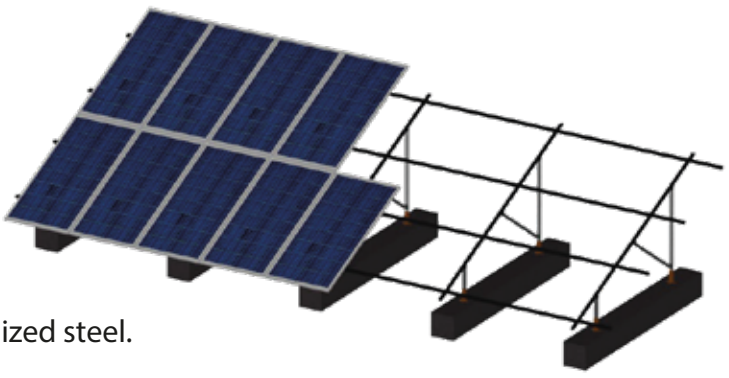
TECHNICAL DATA



- **Application:** Open terrain
- **Elevation angle**: Up to 40°
- **Wind speed:** Up to 42m/s
- **PV module:** Framed , unframed
- **Module orientation**: Landscape, portrait
- **Material:** Anodized aluminum 6063, galvanized steel.
- **Warranty:** 25 years

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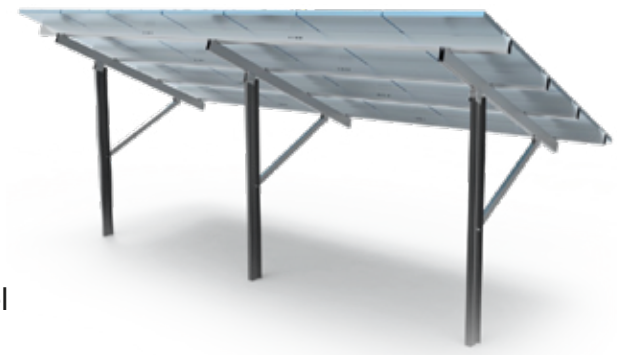
RAMMING GROUND APPLICATIONS

The pile ground mounting system is a very economical solution for large commercial and utility scale installations, especially on uneven terrain. The use of ramming posts eliminate the need for additional excavation works, and pile-driven machine reduce labor and time remarkably on site, piling finishes in less than 3 minutes, which means high cost saving for large projects. Single post system allows easy maintenance around and under the modules. Double post is optional for larger span and bigger array It is available to be used in ramming and drilling concrete applications.

• Embedment depth may vary according to the structure of the soil and static and dynamic loads in the project zone.
• Minimizes product deformations formed during ramming applications with the use of high-quality raw material use and precise quality controls.
• Offers fast and easy assembly advantage with state-of-the- art engineering and design. Thus, ensures serious savings on workmanship costs.

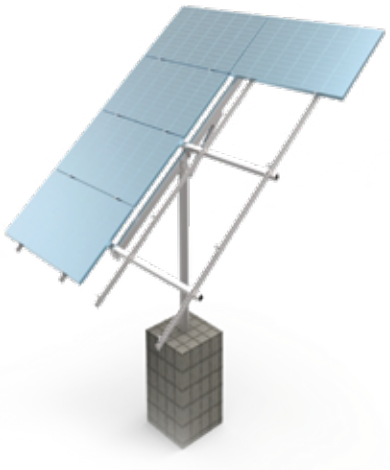
TECHNICAL DATA

- **Application:** Open terrain
- **Elevation angle:** Up to 60°
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed, unframed
- **Module orientation:** Landscape, portrait
- **Material:** Anodized aluminum 6063, galvanized steel
- **Warranty:** 25 years



POLE GROUND MOUNT

The pole mount offers a robust solution for small-scale solar photovoltaic installations. With adjustable angles between 15° and 45°, it can accommodate a variety of locations. This system is ideal for small on-grid or off-grid power stations, which can be set up in gardens, farmlands, mountains, or near water pumps, telecom towers, or outdoor electrical facilities. The structure also allows for manual angle adjustments to adapt to seasonal changes.



TECHNICAL DATA

- **Application:** Open terrain
- **Adjustable angle:** 45 -°15°
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed, unframed
- **Module orientation:** Landscape, portrait
- **Material:** Anodized aluminum 6063, Galvanized steel
- **Warranty:** 25 years

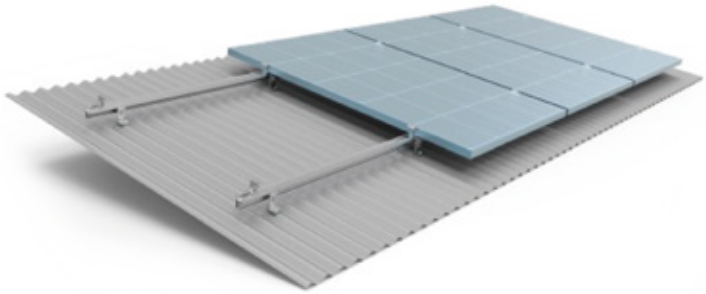
ROOF APPLICATION SOLUTIONS

STANDARD FLAT ROOF APPLICATIONS

Standard flat roof system is a rugged frame system for the assembly of PV modules on flat roofs. It allows for the connection of several rows of modules in South direction. The standard pitches of the system are °10 and °15. It is especially designed for applications on flat roofs with low admissible load capacity. The design of all components ensures easy assembly. The standard preassembly and clever product design on the basis of only a few individual parts allow for short assembly times and minimum tool requirements. The parts used are made of aluminum and galvanize steel. Their high degree of corrosion resistance guarantees maximum service life and full recyclability.

- Roof inclination Up to 5°
- Building height Max. 25m
- (Depending on wind loads on site)
- Module inclination 10° or 15°
- Supporting profiles Aluminum 6063
- Sheet metal components Galvanized steel
- Warranty 25 years

METAL CORRUGATED ROOF APPLICATIONS



The metal roof mounting system is suitable for roofing with corrugated sheet metal, trapezoidal metal sheet. Systems are fully compliant with international standards on wind, making it suitable for a wide variety of climatic zones.

TECHNICAL DATA

- **Application:** Open terrain
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed, unframed
- **Module orientation:** Landscape, portrait
- **Material:** Anodized aluminum 6063, galvanized steel
- **Warranty:** 25 years

TILE ROOF MOUNT

The tile roof mounting system offers perfect solution for installation on tile roofing. The roof fastening is done using highly-resistant stainless steel roof hooks, which is suitable for nearly all coverings, such as pantile, plain tiles, slate tiles etc. Systems are fully compliant with international standards on wind, making it suitable for a wide variety of climatic zones.

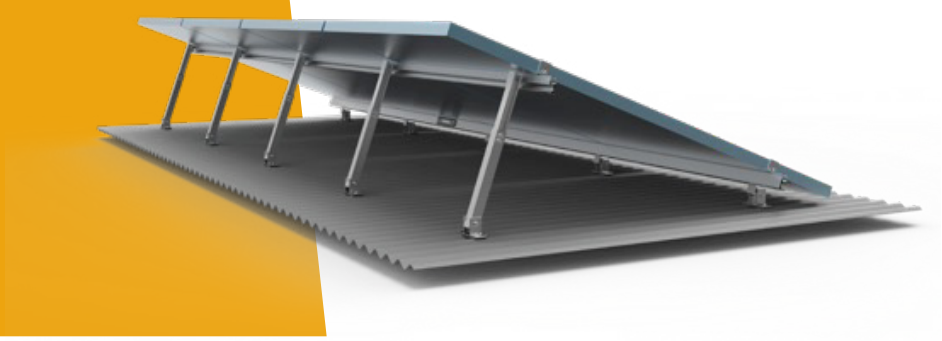
TECHNICAL DATA

- **Application:** Pitched roof
- Roof slope: Up to 45°
- **Building height:** Up to 20 m
- **Roof cladding:** Suitable for most types of cladding
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed, unframed
- **Module orientation:** Landscape, portrait
- **Material:** Anodized aluminum 6063.
- **Warranty:** 25 years

TRIANGLE ROOF MOUNT

Delta triangle mounting bracket is a newly developed product for flat rooftop installation more cost-effective than the traditional ballast mount. It can be installed on roof clamp or penetrate into concrete, or using concrete as ballast. Fold design allows easy transportation, cost-effective warehousing and easy mounting.

ADJUSTABLE TILT MOUNT



The adjustable tilt roof mounting system will easily fit different flat roof or open terrain applications, due to its variable tilt angle and footing options for both roof clamp and roof penetration. The system can be used as fixed tilt or adjustable tilt, allows project-specific adjustments and solar power output optimization. The innovative design and high pre-assembly eliminate the need for on-site cutting, welding and enable quick and easy PV module installation.

TECHNICAL DATA

- **Application:** Flat roof
- **Tilt angle:** Fixed, 45-30 ,°30-15 ,°15-10°
- **Roof slope:** Up to 45°
- **Building height:** Up to 20 m
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed
- **Module orientation:** Landscape, portrait
- **Material:** Anodized aluminum 6063, galvanized steel
- **Warranty:** 25 years

CARPORT APPLICATION SOLUTIONS

CARPORT APPLICATION

Solar carport mounting system offers simplified and economic solution providing shade for parking and solar power generation. It is designed with different options for both single and double rows of parking, tailored for most module types, orientations, and inclinations. Various foundation options include precast concrete, bored pier and ground screw. Long spans between foundations reduce cost and simplify the installation process. Solar carport effectively uses existing parking space, streamlined design making it ideal choice to present environmentally friendly image or work as electrical vehicle charging station.

TECHNICAL DATA

- **Application:** Open terrain
- **Tilt angle:** Below 30
- **Wind speed:** Up to 42 m/s
- **PV module:** Framed, unframed
- **Module orientation:** Landscape, portrait
- **Material:** Galvanized steel
- **Warranty:** 25 years

TRACKING MOUNT STRUCTURES APPLICATION

Solar Tracking Systems are a special form of mounting structures and designed to maximize the yield of the solar PV system by following the course of the sun. By following the course of the sun, the solar panel will collect energy for the longest period of the day.

As the position of the sun is always changing, the only way to get maximum yield out of your pv system is to control the position of the solar panels in accordance with the motion of the sun.

These tracking systems collect significantly more sun radiation compared to solar panels that are installed under a fixed angle.

TECHNICAL DATA

- **Type:** Horizontal single-axis, independent row
- **Tracking range:** ±60° (120°)
- **Tracking accuracy:** ≤2°
- **Structural materials:** HDG steel
- **Wind load:** Configurable up to 190 kph (3S gust)
- **Slope tolerance:** North-south up to 20%,

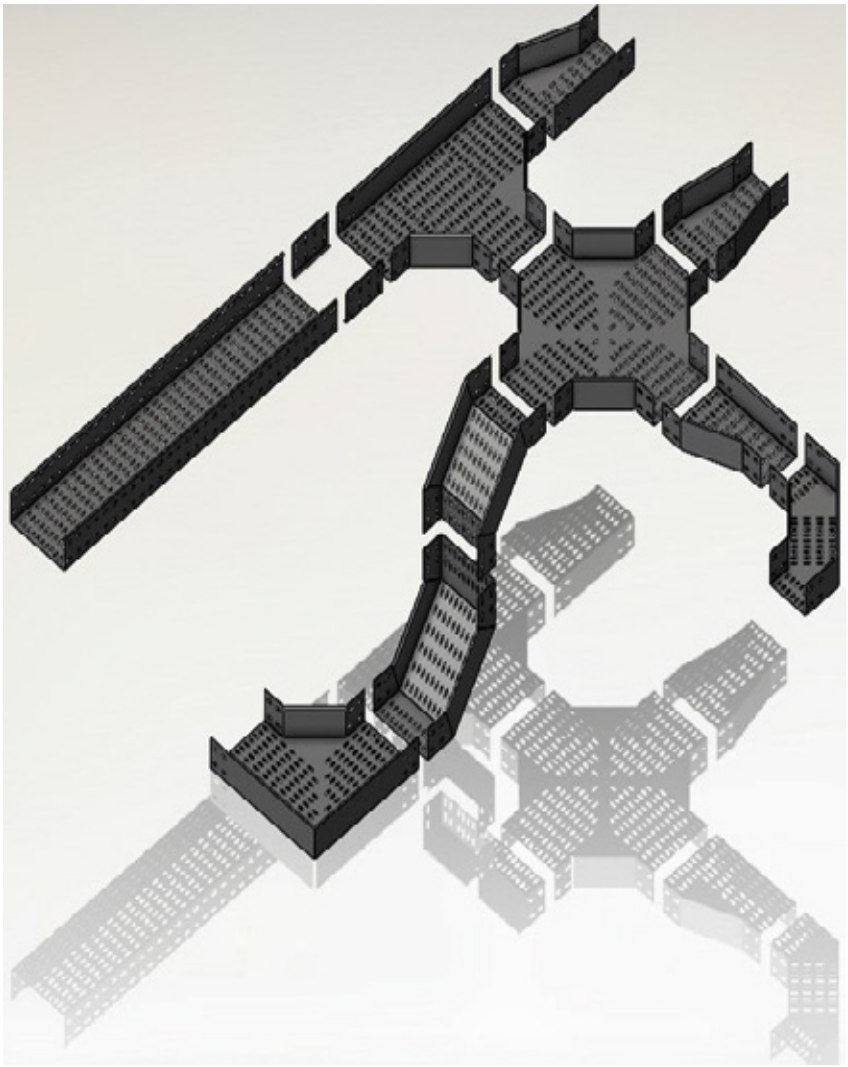
  East-west with no limits

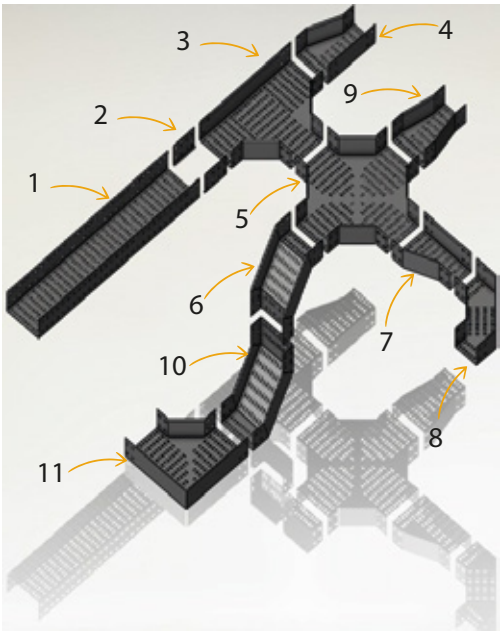
CABLING HOLDER APPLICATIONS

CABLE TRAY

Cable Tray is used to support insulated electrical cables used for Solar Energy Systems power distribution, control, and communication. Cable trays are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction.

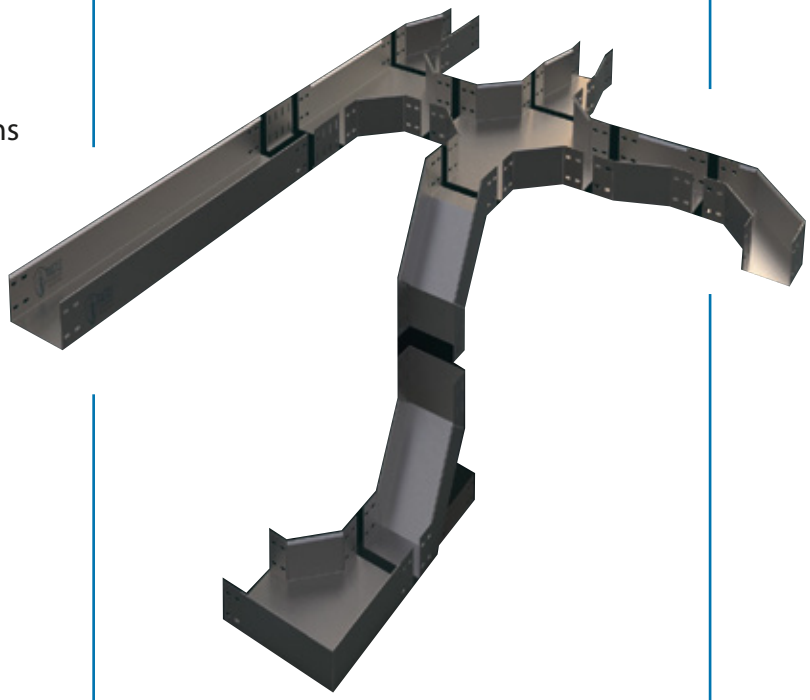
The Benefits of Cable Tray:
Cable tray wiring systems offer significant advantages over conduit pipe and other wiring systems. Cable tray is less expensive, more reliable, more adaptable to changing needs and easier to maintain. In addition, its design does not contribute to potential safety problems associated with other wiring systems.





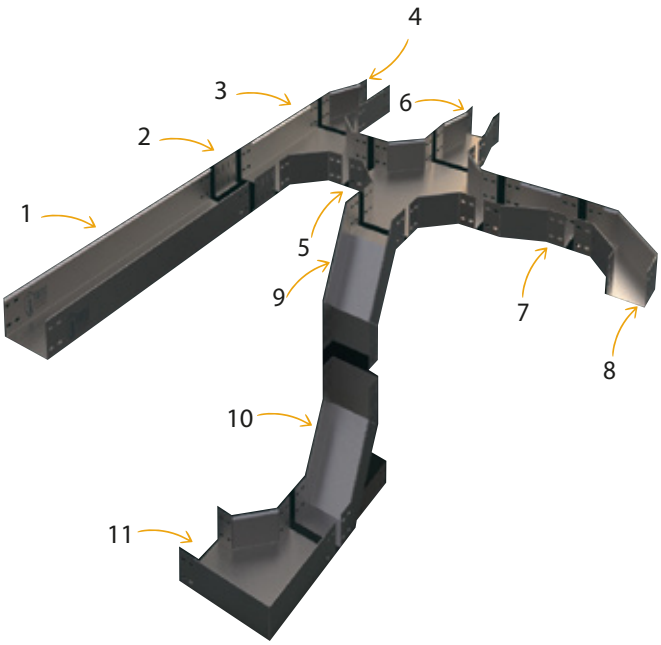
1.	Straight Cable Tray
2.	Straight joint
3.	Horizontal Tee
4.	Right-Hand Reducer
5.	Horizontal Cross
6.	Straight Reducer
7.	Left - Hand Reducer
8.	Elbow Straight Radius
9.	Vertical Faller 90 Deg
10.	Vertical Raiser 90 Deg
11.	Elbow Corner

CABLE TRUNK



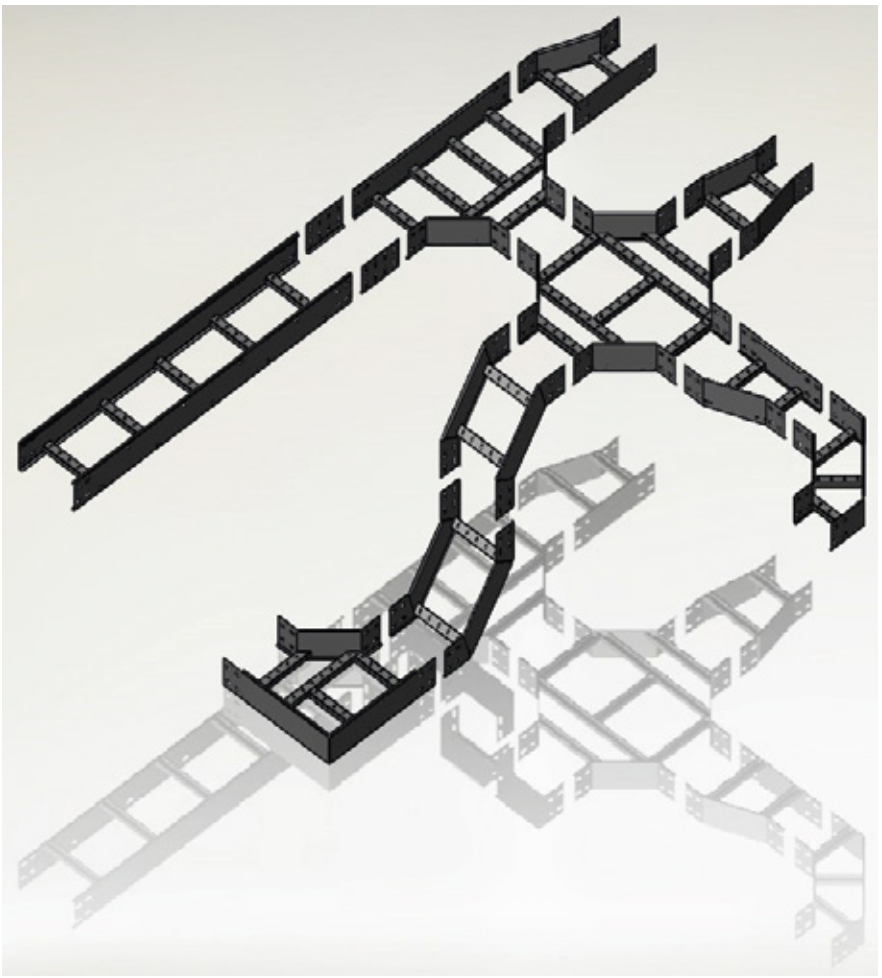
Cable Trunk is used to support insulated electrical cables used for Solar Energy Systems power distribution, control, and communication. Cable Trunks are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction.

The Benefits of Cable Trunk:
Cable Trunk Wiring System Offer significant advantages over conduit pipe and other wiring systems. Cable Trunk is less expensive, more reliable, more adaptable to changing needs and easier to maintain. In addition, its design does not contribute to potential safety problems associated with other wiring systems.



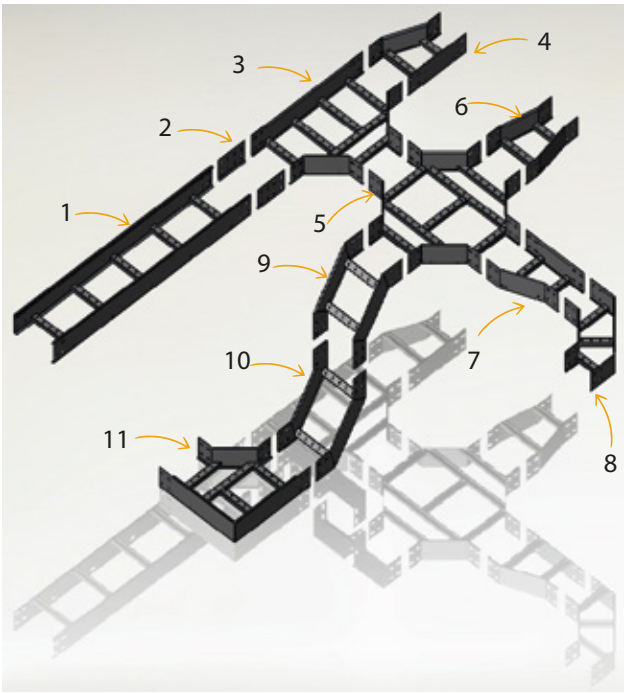
1.	Straight Cable TRUNK
2.	Straight joint
3.	Horizontal Tee
4.	Right-Hand Reducer
5.	Horizontal Cross
6.	Straight Reducer
7.	Left - Hand Reducer
8.	Elbow Straight Radius
9.	Vertical Faller 90 Deg
10.	Vertical Raiser 90 Deg
11.	Elbow Corner

CABLE LADDER



Cable Ladder is used to support insulated electrical cables used for Solar Energy Systems power distribution, control, and communication. Cable Ladders are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction.

The Benefits of Cable Ladders:
Cable Ladder wiring systems offer significant advantages over conduit pipe and other wiring systems. Cable Ladder is less expensive, more reliable, more adaptable to changing needs and easier to maintain. In addition, its design does not contribute to potential safety problems associated with other wiring systems.



1.	Straight Cable Ladder
2.	Straight Joint
3.	Horizontal Tee
4.	Right-Hand Reducer
5.	Horizontal Cross
6.	Straight Reducer
7.	Left-Hand Reducer
8.	Elbow Straight Radius
9.	Vertical Faller 90Deg
10.	Vertical Raiser 90Deg
11.	Elbow Corner

Electrostatic Painting "Powder Coating"

What is Electrostatic Powder Coating?

It is a coating technique that uses electrically charged powder (usually polyester, epoxy, or a hybrid blend), which is sprayed onto a metal surface and then baked in a curing oven, where it melts and forms a solid, durable layer.

Electrostatic Powder Coating for Cable Trays

Electrostatic Powder Coating is one of the best methods for protecting and finishing cable trays, especially in industrial, commercial and residential projects. It offers excellent protection against corrosion and harsh environmental conditions. Here is a detailed explanation of this technique and its application in cable tray systems:

Why is it Used for Cable Trays?

Cable trays are often exposed to:

- Humidity
- Corrosion
- Dust and chemicals
- Mechanical loads

Electrostatic powder coating provides:

- High corrosion resistance
- Smooth and uniform finish
- Excellent adhesion to the metal surface
- Good electrical insulation
- Long service life
- Aesthetic and professional appearance (uniform glossy or matte color)

Steps of Electrostatic Coating for Cable Trays

1. Surface Preparation:

- Removing grease and oils
- Removing rust (by sandblasting or chemical treatment)
- Phosphating to enhance paint adhesion

2. Powder Spraying:

- Using an electrostatic spray gun to charge powder particles positively
- The powder is attracted to the negatively charged metal surface

3. Curing:

- Oven temperature: °200–180C
- Duration: 20–15 minutes (depending on metal thickness)

4. Cooling and Inspection:

- Natural cooling
- Quality checks for adhesion, thickness, and finish

Types of Powder Used

- Epoxy: Excellent chemical resistance, suitable for indoor use
- Polyester: High UV and weather resistance, suitable for outdoor use
- Hybrid (Epoxy-Polyester): General-purpose applications

Coating Thickness

- Typically ranges from 60 to 120 microns
- Special thicknesses can be requested as per project requirements

Required Quality Tests

- Cross Hatch Adhesion Test
- Impact Resistance Test
- Salt Spray Test (corrosion resistance)

Technical Datasheet

Product: Electrostatic Powder Coating for Cable Trays
Application: industrial, commercial and residential Cable Management Systems

Specification	Details
Base Metal	Mild Steel (MS), GI, or Aluminum depending on tray type. Often Electro-Galvanized or Hot-Dip Galvanized before coating.
Coating Type	Electrostatic Powder Coating Thermosetting powder.
Powder Type	Polyester (Outdoor use – UV & humidity resistant) Or Epoxy-Polyester Hybrid (Indoor use – Chemical resistance).
Coating Thickness	60 – 100 microns Measured with Dry Film Thickness Gauge (DFT). (Other thickness according to project specifications)
Curing Temperature	180 – 200°C for 15 – 20 minutes in controlled oven.
Color	As per RAL Color System (e.g., RAL 7035 – Light Grey). Other colors available upon request.
Surface Finish	Smooth / Glossy / Semi Gloss / Matt Typically Smooth Matt for industrial trays.

OUR PROJECTS

Project Capacity 64.57 Kwp at (Alexandria Desert Road - Cairo)

Project Capacity 65.15 Kwp at (El Sadat - Monofia)

OUR PROJECTS

Project Capacity 150 Kwp at (10th of Ramadan - Sharqia)

OUR PROJECTS

Project Capacity 119.5 Kwp at (Sheikh Zayed - Giza)

Project Capacity 140 Kwp at (Minya)

OUR PROJECTS

Project Capacity 34 Kwp at (Sheikh Zayed - Giza)

Project Capacity 145 Kwp at (Minya)

OUR PROJECTS

Project Capacity 130 Kwp at (West of Minya)

Universal for Certification Services LTD

CERTIFICATE

No. of Certificate: A-25022504

This is to certify that the quality management system of

RENIX ENERGY

NEIGHBORHOOD 3 - DISTRICT 9- VILLA 40- SHEIKH ZAYED - GIZA - EGYPT

Company Reg. No.: 45374

has implemented and documented management system in compliance with the requirements of the standard

ISO 9001:2015

For the following scope of activities:

Manufacture, Design and supplying of Solar Mounting Structures and Forming Sheet Metal

EA Code: 18'17

The certificate is issued on the basis of the results mentioned in the pertinent audit report., This certificate can be invalid if the certificate holder does not fulfill the conditions set out in the certification agreement.

Validity of the certificate is conditionally limited by positive results of surveillance audits,

which the certified company committed to undergo.

1st Surveillance Date: 13.03.2026

2nd Surveillance Date: 13.03.2027

Initial Issue Date: 13.03.2025

Expire Date: 12.03.2028

Eng. Mohammad Othman

Head of Certification Body

EGAC Accredited QMS Certification CAB # 012403

info@ucs-cert.com
www.ucs-cert.com

DEVELOPMENT RESEARCH
AND TECHNOLOGICAL
PLANNING CENTER
CAIRO UNIVERSITY

مركـز استشـارات وبحـوث التنميـة
والتخطيـــط التكنولوجـــى
جامعـــة القاهـــرة

مركز استشارات وبحوث التنمية والتخطيط التكنولوجى - جامعة القاهرة
الصـــادر
رقم ٦٩١
التاريخ ١ / ٦ / ٢٠٢٥ م

CERTIFICATE

This is Certify that

Renix Energy Pvt. Ltd.

Villa no. 40 – District 90 – sheikh Zayed city

RENIX ENERGY

Designed and fabricated in compliance with steel design standards and approved engineering quality specifications for solar panel mounting structures

The steel structure is made exclusively from Grade 37 cold-formed sections, hot-dip galvanized for corrosion protection

Design and structural analysis methodology in accordance with ECP 201 – Egyptian code for loads .

Issue date 1/6/2025

Consultant

الباحث الرئيسي

أ.د/ محمود كامل محمد

أ.د/ محمود كامل

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RENIX
ENERGY

Solar Panels Mount Structure Analysis Report.

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Consultant

نور الاستشارية
للتشطيبات والاستشارات الهندسية

د.م / محمد عبد السلام ابراهيم عرفي
استشاري تصميم المنشآت الخرسانية
عضوية رقم: ١/٣٦٠٣٩٢/٢٠٠٢
رقم استشاري: ٠١٠٦٩٥٨

RENIX ENERGY

Solar Panels Mount Structure Analysis Report.

نور الاستشارية
للتخطيطات والاستشارات الهندسية

استشاري تصميم المنشآت الخرسانية
رقم استشاري : ٠١٠٦٩٥٨

رقم الوارد :2025/4/27	العميل : رينكس لحلول الطاقة الشمسية
رقم الصادر : (1146-1) 2025/5/4	
عدد صفحات التقرير:صفحة واحدة	

تقرير فنى عن تحميل cable trunk 20*10 سم و سمك 1.5 مم. النتائج المبينة في التقرير لا تمثل إلا العينة التي تم اختبارها و التي تم توريدها الي المعمل بمعرفة العميل، و أي اسقاط لها علي كميات اخري مسؤولية العميل.

1- أختبار التحميل

طريقة اختبار التحميل:تم وضع عينة من حامل الكابلات بطول 3 متر علي دعامتين بحيث تكون المسافة بينهم (Span length) 2 متر بحيث يكون طول حامل الكابلات الزائد مقسم علي جانبي الدعائم بالتساوي. تم وضع ساعة قياس (Dial indicator) اسفل الحامل في منتصف المسافة بين الدعائم. ثم تم وضع الاحمال و زيادتها و ملاحظة الانحناء عند المنتصف بساعة القياس.

النتائج:

- تم زيادة الحمل علي الحامل حتي 10 كيلو نيوتن و حدث تشوه في التريه.

الانحناء (مم)	الحمل (نيوتن)
1.08	250
1.9	1000
2.3	1500
3.5	2000
4	3000
5	4000

أ.د /إيهاب عادل الدنف
أستاذ هندسة المواد بقسم التصميم الميكانيكى والأنتاج

د/عبد الله عبدالفتاح عبد القوي
مدرس بقسم التصميم الميكانيكى والانتاج و مدير المعمل

رقم الوارد :2025/4/27	العميل : رينكس لحلول الطاقة الشمسية
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تقرير فنى عن تحميل Cable tray 20*10 سم و سمك 1.5 مم. النتائج المبينة في التقرير لا تمثل إلا العينة التي تم اختبارها و التي تم توريدها الي المعمل بمعرفة العميل، و أي اسقاط لها علي كميات اخري مسؤولية العميل.

2- أختبار التحميل

طريقة اختبار التحميل: تم وضع عينة من حامل الكابلات بطول 3 متر علي دعامتين بحيث تكون المسافة بينهم (Span length) 2 متر بحيث يكون طول حامل الكابلات الزائد مقسم علي جانبي الدعائم بالتساوي. تم وضع ساعة قياس (Dial indicator) اسفل الحامل في منتصف المسافة بين الدعائم. ثم تم وضع الاحمال و زيادتها و ملاحظة الانحناء عند المنتصف بساعة القياس.

النتائج:

- تم زيادة الحمل علي الحامل حتي 800 كيلو نيوتن و حدث تشوه في التريه.

الانحناء (مم)	الحمل (نيوتن)
1.4	250
2.15	1000
2.85	1600
3.9	2100
4.6	3150
6.5	3850

أ.د /إيهاب عادل الدنف
أستاذ هندسة المواد بقسم التصميم الميكانيكى والأنتاج

د/عبد الله عبدالفتاح عبد القوي
مدرس بقسم التصميم الميكانيكى والانتاج و مدير المعمل

ACE CONSULTING ENGINEERS
MOHARRAM.BAKHOUM

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تليفون ٧١٢٠ ٣٣٣٧ ٢٠٢
فاكس ٨٢٤٥ ٣٧٤٩ ٢٠٢

5 El-Gomhouria El-Mottaheda Square
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القاهرة 2025/7/8

لمن يهمه الأمـــر

يشهد مكتب المهندسون الإستشاريون العرب محرم – باخوم أنه لا مانع من اعتماد شركة رينكس اينرجي (RENIX ENERGY) في أعمال الطاقة الشمسية

- ألواح الطاقة الشمسية
- (هياكل – حوامل كابلات – محولات العاكس الشمسي – بطاريات الطاقة الشمسية – كابلات التيار المتردد والمستمر)
- السخانات الشمسية
- الطلمبات الشمسية

ولا مانع من ادراج الشركة في (vendor list) في جميع مشاريع المكتب وهذه شهادة منا بذلك.

وتفضلوا بقبول فائق الإحترام والتقدير...

المهندسون الإستشاريون العرب
محرم - باخوم

ACE CONSULTING ENGINEERS
MOHARRAM.BAKHOUM
(D) FOR INFORMATION AND REVIEW
Name:
Sign/Date:

ACE CONSULTING ENGINEERS
MOHARRAM.BAKHOUM
(For Approved Vendor List)
Name:
Sign/Date:

EEC GALVA

الشركـــة الهندسيـــة

لجلفنـــة المعـــادن

شهـــادة جلفنـــة على الساخـــن

تاريخ: 14/5/2025

تشهد الشركة الهندسية لجلفنة المعادن على أن المشغولات التالية مجلفنة على الساخن وفقا لما يلي:

المواصفة : ISO 1461

اسم العميل : رينكس إنيرجي

المشغولات : اعواد تري 1.5 مللي

الوزن : 1.5 كجم

مدينة العبور المنطقة الصناعية (B.D)2 بلوك 27013 القاهرة . مصر
تليفون : 86/43130285(202)+
فاكس : 43130207(202)+
الموقع الالكترونى : www.eecgalva.com

ROYAL CERT ISO 9001:2015

DMA
DESIGN | ENGINEERING

مشروع انشاء مبنى محكمه النقض
مدينه العداله بالعاصمه الاداريه الجديده

الهيئة الهندسية للقوات المسلحة
إدارة الأشغال العسكرية
اللواء 150 إنشاءات
كتيبة 550

تقديم (مستندات/شهادات للإعتماد/نتائج إختبارات) للمراجعة والإعتماد

القسم: الكهروميكانيكال	التاريخ: 01 / 07 / 2025	رقم الطلب	الإصدار
من الشركة المنفذة	إلى مكتب استشاري التنفيذ	MS-B01-EL-0045	00
شركة المقاولون العرب	مكتب D M A الاستشارات الهندسية	البنود المطلوب إعتمادها	
		رسومات تشغيلية [ ]	عينات [x]
النموذج/المنطقة:	العمارة: .... الدور: .... الشقة:	شهادات الإعتماد [x]	كتالوجات ملونة [x]
		طريقة التنفيذ [ ]	حساب كميات [ ]
اسم الشركة: Renix	الموضوع: إعتماد حوامل كابلات وسلالم	اختبارات معملية [ ]	أشياء أخرى [ ]

م	البيان	مستندات العقد المشار إليها: المبنى	مستندات العقد المشار إليها: المرفقات	كود العمل	ملاحظات
1	Hot Dipped Galvanized Cable Trays	B01	عينة وكتالوجات وشهادات اختبار واعتمادات فنية سابقة		
2	Hot Dipped Galvanized Cable Trunks	B01	كتالوجات وشهادات اختبار واعتمادات فنية سابقة		
3	Hot Dipped Galvanized Cable Ladder	B01	كتالوجات وشهادات اختبار واعتمادات فنية سابقة		
5	Accessories for cable trays	B01	كتالوجات وشهادات اختبار واعتمادات فنية سابقة		
6					
7					
8					
9					

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DMA

مهندس الشركة المنفذة	مهندس استشاري التنفيذ	مديـــر المشـــروع لاستشاري التنفيذ
الاسم: مهندس/ أحمد عثمان	الاسم:	الاسم:
التوقيع:	التوقيع:	التوقيع:

شركة المقاولون العرب
مشروع انشاء مبنى محكمة النقض

البند	معماري	إنشائي	ميكانيكا	كهرباء
مهندس الإستشاري التنفيذ				أحمد عادل
كود الإعتماد				(B)
ملاحظات				لا مانع من اعتماد حوامل الكابلات من شركة Renix مع الالتزام بالمواصفات الفنية والمقاسات المطلوبة في المشروع - تقديم الطريقة المناسبة التي يجب الالتزام بها عند التثبيت بحيث تضمن عدم الإضرار بالمبنى عند الالتزام بها

أكواد الأعمال للبنود التي تم تسليمها:

A	[ ]	تم الإعتماد بدون ملاحظات
B	[x]	تم الإعتماد بوجود ملاحظات
C	[ ]	سيعاد مراجعتها وتقديمها للإعتماد
D	[ ]	مرفوض ولا يعاد التقديم

يعتمد،،،
م/استشاري/ ....
مدير المشروع لإستشاري التنفيذ

- المقاول مسئول عن التوريد والتشوين والتخزين والتركيب في الموقع دون الإضرار بالخامات

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Abou Rowash Industrial Zone - Giza, Egypt

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