



Precision-Engineered  
**Solar Structures** for Optimal  
Panel Performance

# ABOUT US

## INTEGRITY STRUCTURES

### One Solution for All Your Solar Structure Needs

From 2004 we are in steel industry (steel supply) located at middle of the Gujarat Halol GIDC - Gujarat Up to **500MW structure making capacity plant** With **1L sq ft factory set up** Under highly qualified engineers, Design and cost optimisation by using various tool and methods. Using of Different software for better fitment and easy assembly on site.

Design approved and certified by high qualified engineering team. At Integrity Structures, we take immense pride in our diverse portfolio of solar structure projects executed across the globe. As trail-blazers in the solar industry, we have engineered advanced solar mounting solutions that set new energy efficiency and sustainability benchmarks. Our expertise spans from large-scale commercial installations to intricate community-based projects, each demonstrating our dedication to fostering a greener future.

Our highly skilled professionals work closely with clients to design and implement customized solar structures that optimize performance and ensure long-term durability. We focus on delivering innovative and high-quality solutions tailored to the unique requirements of each project. Our commitment to excellence is evident in every aspect of our work, from initial concept to final installation.

Join us in our mission to advance solar structure technology and create a brighter, cleaner future for future generations. With Integrity Structures, you are partnering with a leader in solar structure innovation and a commitment to making a significant impact on our planet.



▶ **Mr. Neel Pathak** Founder

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We Work only  
Premium Quality of material

## WHY CHOOSE INTEGRITY STRUCTURES?

### Maximize Your Savings with Expert Solar Structures

Opting for our solar structures translates into substantial financial benefits. Our advanced solar frameworks are designed to enhance the efficiency of rooftop solar panels, potentially delivering up to a 33% annual return on investment and significantly reducing your energy costs.

### Minimize Your Carbon Footprint

Transitioning to our innovative solar structures reduces reliance on fossil fuels and lowers greenhouse gas emissions. Our solutions support the deployment of clean, renewable energy, contributing to a more sustainable environment.

### Harness Your Electricity

Our expertly designed solar structures enable you to generate clean electricity directly from your roof. By reducing dependence on the grid and controlling your energy supply, you can effectively lower your energy bills and gain greater autonomy over your energy usage.

### Comprehensive Consultation and Customisation

Our team of experts offers in-depth consultation and planning, meticulously assessing your needs and budget. We craft tailored solar structures that ensure optimal performance and efficiency from the initial design through to the final installation



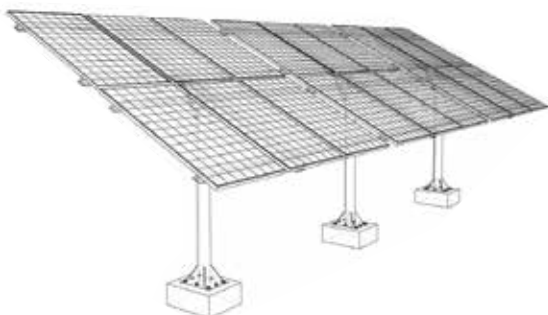
## Our Mission

To empower individuals and businesses with advanced solar structures that are both innovative and cost-effective. We are dedicated to making solar energy accessible and impactful, transforming how energy is harnessed and utilised. Through our state-of-the-art technology and customer-centric approach, we strive to lead in sustainable energy solutions, helping our clients meet their energy needs while contributing to a more sustainable future.

### Vision



To become the leading provider of innovative solar structures in the region, setting the benchmark for excellence in the renewable energy sector. We aspire to be at the cutting edge of solar technology, known for our pioneering designs and unwavering commitment to sustainability. Our vision encompasses more than just market leadership; we aim to make a profound impact on the environment and the communities we serve by advancing the adoption of efficient, green energy solutions.





# MODULE MOUNTING STRUCTURE

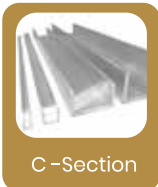
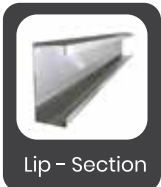
Our structures cater to the unique needs of each project, delivering optimal results for residential, commercial, and utility-scale solar installations alike. From expansive solar farms to small-scale residential arrays, our ground-mounted structures empower individuals and organizations to embrace clean energy solutions with confidence and reliability.

With our state of the art manufacturing facilities, we serve as comprehensive solution for SOLAR MODULE MOUNTING STRUCTURE in India. Our multi-product offering includes, **C-Sections (Column, Rafter, Bracings)**, **Hat-Section (Purlin)**. The material includes Pre-Galvanized, Hot Dip Galvanized, HR & PosMac.



## A TYPICAL SOLAR PV MODULE MOUNTING CONSISTS OF THE FOLLOWING PARTS AND SECTIONS

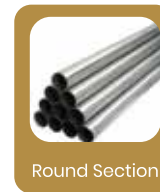
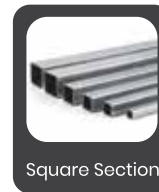
### COLUMNS TYPES:



### PURLINS TYPES:



### PIPE TYPES:



## TYPES OF SOLAR MOUNTING STRUCTURE:

STANDARD ROOFTOP STRUCTURE



CAR PARKING STRUCTURE



TIN SHED MOUNTING STRUCTURE:



GROUND MOUNTING STRUCTURE



# RCC ROOF SOLAR STRUCTURE

RCC stands for reinforced concrete, which is a building material combining the strength of cement with the flexibility of steel. It is also one of the main materials for roof and door frames today. Roofs constructed of RCCs are known as reinforced concrete roof slabs. Its role in modern construction can not be overestimated. RCC roofs provide stability, strength, and durability to buildings, as well as increasing load-carrying capacity. They belong to a new category of structural materials, and they do not crack or bend under heavy loads.



Single & Double Pole Structure



Low Ballast Structure

## STRUCTURAL STABILITY

RCC roofs are renowned for their robustness in construction. This inherent strength provides a stable foundation on which to install solar panels, ensuring that the integrated solar system never compromises the integrity of the building itself.

## LONG LIFESPAN

RCC roofing is renowned for its toughness—translating into an extended lifespan. This strength means that over time, the roof can serve as a solid and lasting platform for solar installations, maximising the benefits of renewable energy expenditures.



*These structures ensure a secure and reliable foundation for your solar panels, allowing them to withstand harsh weather conditions while maximizing their energy production. With adjustable features, our RCC roof mounting structures offer flexibility for different roof types and configurations.*

# CAR PARKING STRUCTURE

Solar panel car park shades are affordable for generating renewable energy. A PV Structures solar car park is designed for today and the future. The quality steel and construction techniques mean that the car park structures will be in place for decades, making it a worthwhile investment.



## WHY CHOOSE SOLAR CAR PARK STRUCTURES

Car park solar structures are becoming popular among government institutions, schools, and commercial buildings. These structures are versatile and can help you design them. We will also develop your solar panel car park according to the size and shape of your parking lot.

A solar shade structure is an excellent choice for your business because it will protect your business vehicles, customer vehicles, and occupants. Most cars get damaged due to exposure to the sun, rain, and other elements that lead to the paint peeling or fading. Solar shade structures are the best solutions because they offer protection from the elements and save your business from electricity bills.

## ENVIRONMENTAL BENEFITS



*The environmental benefits of Solar Carport Installation Services are the most promising. These installations help to reduce dependency on traditional fossil fuels by generating clean power from sunshine. As a result, carbon emissions are reduced, enterprises' environmental impact is reduced, and a commitment to sustainability is fostered.*

# ALUMINIUM ROOF STRUCTURE

Our Aluminium roof structures are crafted from premium-grade materials, ensuring exceptional durability and resistance to environmental elements. Whether facing extreme weather conditions, corrosion, or other challenges, our structures stand strong, providing lasting protection and peace of mind.

The lifespan of solar PV panels is typically 25-30 years. This means that you need the life expectancy of your roof to be greater than that of the PV panels you plan to install. Metal roofs provide the kind of longevity required to provide solar energy at a reasonable price. On average, they can be purchased as the longest-lasting sheet material with a life expectancy ranging from 40 to 60 years. Additionally, sunlight is absorbed by solar panels from the atmosphere. Consequently, the metal roof will last longer because it won't get as hot. You may generate renewable energy without having to replace your roof by installing solar panels on your metal roofing.



## ✓ **SUSTAINABLE**

*An environmentally beneficial mix of robust metal roofing panels and solar panels is ideal. They can both conserve energy, address climate change, and be recycled after their extensive lifespan.*

*There is enough room to mount the system effectively. The brackets are positioned above the crest, while the low-lying drainage area remains hole-free.*



**Redefining Sustainability  
with **Advanced Mounting  
Solutions****





## INTEGRITY STRUCTURES

Power Your Vision with  
Innovative Solar Structures

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