

DOUBLE CANTILEVER CARPORTS

THE NEW STANDARD IN SOLAR CARPORTS

With Quest Renewables' carports, EPCs can reduce the number of days on-site by 50%, increasing throughput, reducing overhead, and limiting disruption to parking lot operations. On-ground assembly of the system allows for a faster, safer, and higher-quality construction process. All systems such as panels, electrical, and lighting are installed at the ground level, prior to lifting the pre-assembled truss into place.

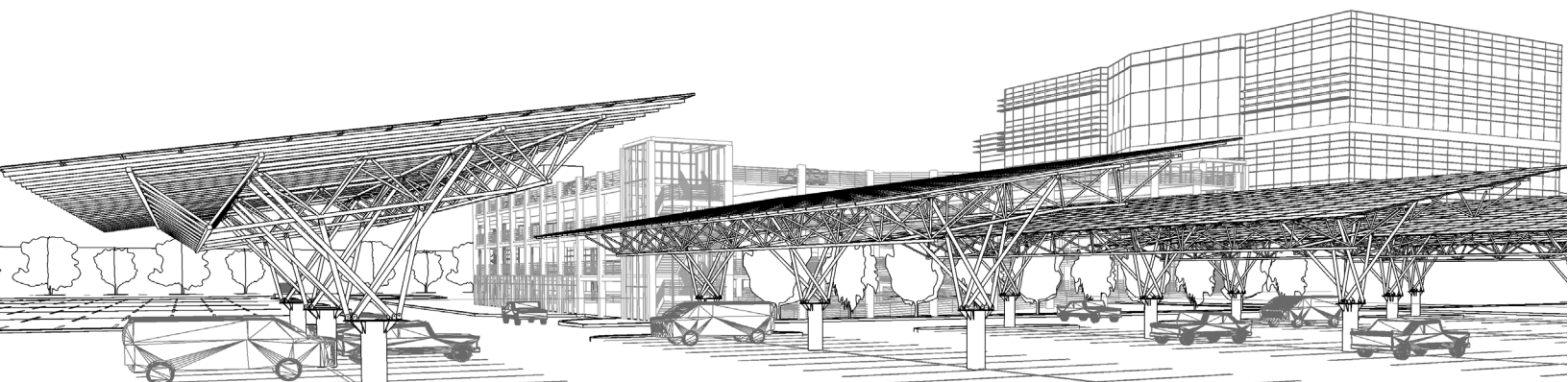
Because more than 90% of the assembly activity takes place at ground-level, the construction process is not only faster but also safer. Total assembly requires less heavy equipment such as forklifts and ladders, which are the most common causes for injuries on site.

In addition to the construction benefits outlined above, site owners benefit from Quest Renewables' modern and durable space frame designs. The Double Cantilever is more than just a solar carport; it creates an outdoor space which enhances any commercial property. In addition to its industry-leading aesthetics, the patented space frame provides added protection in high load environments including snow and wind.

**RAPID INSTALLATION
LOWERS PROJECT
COST**

**LOWER RISK,
GREATER SAFETY**

**OPEN, ARTISTIC
ARCHITECTURAL DESIGN**



TECHNICAL SPECIFICATIONS

Length	60'-133'
Width	42'-49'
Max Height	25' to top of modules
Standard Clearance	13'6"
Span between foundations	40'+
Cantilever	N/A
DC Capacity	varies by module
Wind Load Capacity	designed and tested for 150 mph winds
Snow Load Capacity	designed and tested for 60 psf snow
Standard steel coating	G90

TESTING/CERTIFICATIONS

Installation time and motion testing	Yes
UL 2703 Bonding and Grounding	ETL Intertek

ENHANCEMENTS

Snow management
Rain water collection
Inverter mounting
Lighting
Battery storage
Marine environments

INSTALLATION SERVICES

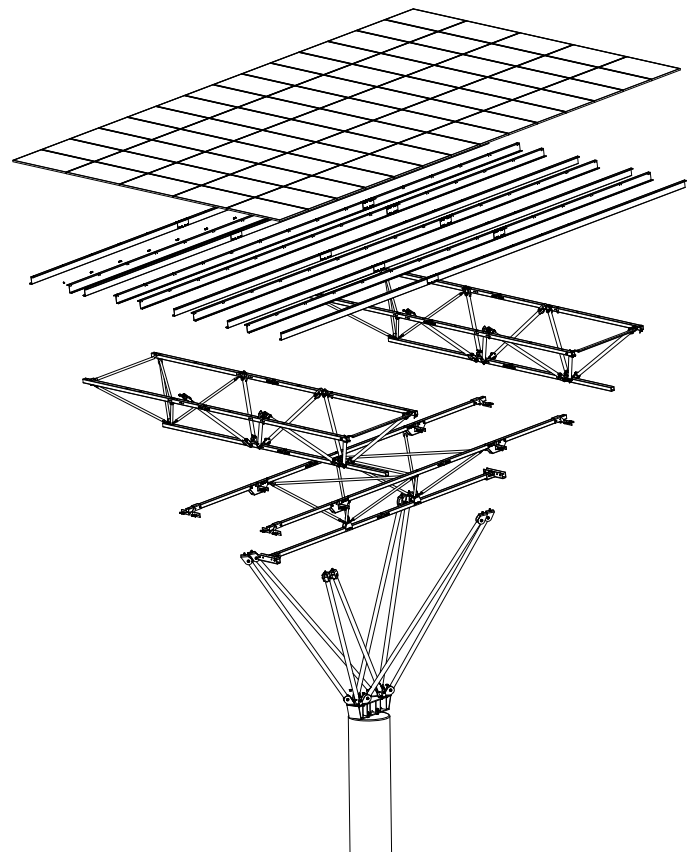
Structural plansets
Staging and pick plans
Stamping services in 50 states
Construction training and management

FEATURES AND BENEFITS

Maximum capacity	enables high density canopies over parking with low foundation count
Speed	faster than industry average due to ground construction
Safety	higher due to 90% ground assembly
Labor efficiency	acceleration of BoS installation

MISC

Foundations/MW	typically >30% less
Warranty	10-year
kW/Acre	varies by module/design



The details contained in this document are estimates based on our experience. If you have a specific contract in mind, please contact us for customized technical specifications.

Quest Renewables partners with our customers to create highly aesthetic solar racking solutions that maximize project performance, eliminate waste, and allow entry into new markets.

Our commitment to optimizing the total installation process results in more satisfied developers, contractors, and site owners.

Made in the USA

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