

GARAGE CARPORTS

THE NEW STANDARD IN SOLAR CARPORTS

Quest Renewables' solar carport for parking garages stands out among other carports in the market because of its rapid installation process, lighter weight, and open architectural design. Unlike traditional carports, 90% of the system's construction takes place on the ground. Structural assembly, module attachment, and electrical/lighting scopes are all conducted on the ground before the trusses are lifted into place by crane. This process minimizes overhead work and maximizes worksite safety. A reduction in on-site time by half that of other carports reduces construction management costs, increases throughput, and limits disruption to parking lot operations.

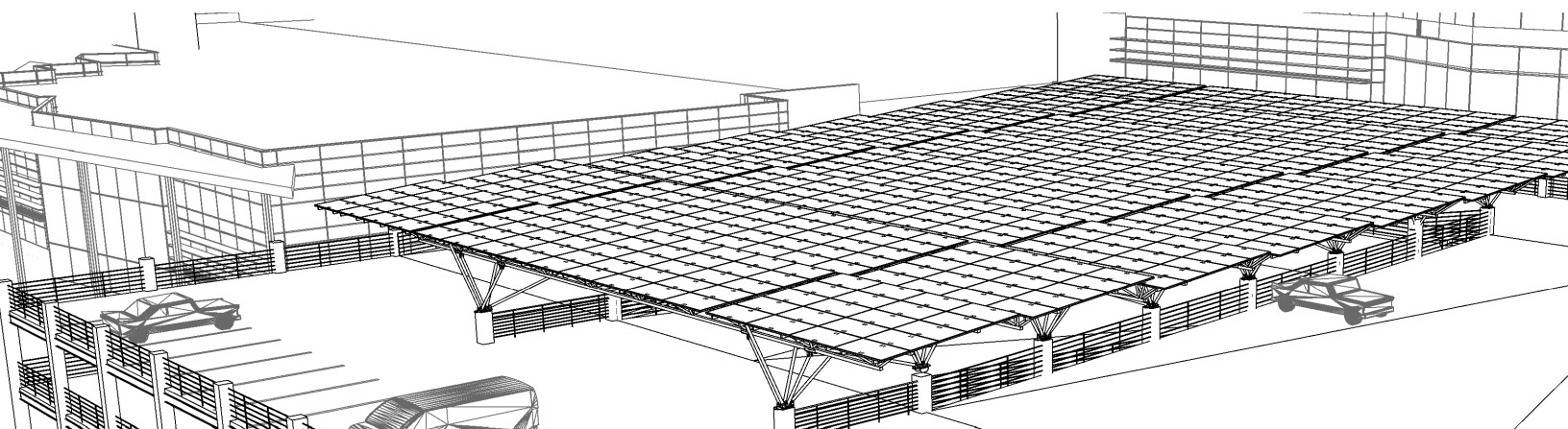
Quest's structure directly connects to parking garages in a manner that dramatically reduces structural loads and moment forces when compared to traditional carports. The benefits of Quest's parking garage carport include increased structural stability, streamlined engineering reviews, and less frequent garage retrofits.

This parking garage carport compliments every modern commercial parking garage with a purposefully sleek, industrial, artistic design. The very same principles which enable the system's construction and structural efficiencies provide a design that cannot be found anywhere else. Make the top level of the parking garage the best place to park with Quest Renewables.

**RAPID INSTALLATION
LOWERS PROJECT COST**

**LIGHTWEIGHT
MATERIALS REDUCE
LOADS ON GARAGE**

**CLEAN, ARTISTIC
ARCHITECTURAL DESIGN**



TECHNICAL SPECIFICATIONS

Length	60'-126'
Width	18'-24'
Max Height	25' to top of modules
Span between foundations	50'-65'
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

Wind tunnel testing	CPP
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

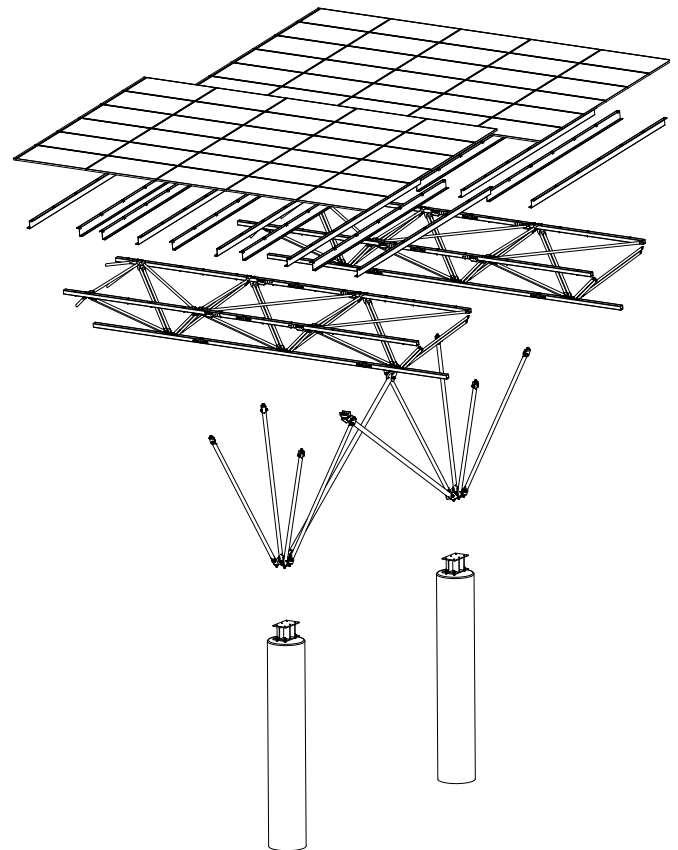
Structural plansets
Staging and pick plans
Stamping services in 50 states
Construction training and management

FEATURES AND BENEFITS

System versatility	enables high density canopies over different parking garage layouts
Speed	on ground assembly drives efficiency across the Balance of System
Safety	90% on the ground assembly
Labor efficiency	up to 50% less labor hours

MISC

Material lead time	12 weeks
Standard 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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