



**DUO-GARD**  
FORGE AHEAD.™

**Whatever  
your energy  
needs...**



**Duo-Gard's  
got you  
covered.**

**Solar PV Canopies  
with Charging Stations**

Architectural  
Power Generating  
Net Zero Energy Solutions



## Duo-Gard's Experience and Turnkey Capabilities Help You Reduce Your Carbon Footprint

Duo-Gard Industries is an industry leader and innovator with over 28 years of architectural canopy experience. Our core purpose is to inspire and enable sustainable communities. We investigate, evaluate and integrate global technologies and innovations to ensure the very best for our customers, partners and the environment.

We provide a turnkey solution to providing solar photovoltaic canopies with charging station options. We design, engineer, fabricate and install with the hope that each product and solution we champion fosters harmony for every generation. Our solar canopies are net zero and beyond. Not only can they produce energy to charge vehicles and light your canopy, they produce energy that you can store and use for your facility, offsetting your utility bills and reducing your carbon footprint.

We've developed two standard solar photovoltaic canopy models to expedite specifying, ordering and procuring your station. Our standard models feature a modular design so it's easy to plan and to grow.

We invite you to forge ahead with us and apply creative, collaborative and inventive solutions to create a better planet.

### CHOOSE YOUR BASE UNIT STYLE & THE NUMBER OF BAYS REQUIRED



**New Generation**



**Current**

- Solar PV canopies with charging stations are net zero energy structures that produce power that can be used for charging and lighting.
- Our canopies can go one step further and produce power above and beyond charging and lighting requirements, thus reducing your carbon footprint.
- Duo-Gard assists with system design, specification of solar panels, inverters, metering and connection to the grid. We also provide field support to ensure proper installation.
- Stations can accommodate from two to thousands of vehicles.
- Duo-Gard provides stamped drawings and installation in all 50 states.
- Our solar PV canopies with charging stations meet Made in the USA guidelines.

## SELECT YOUR OPTIONS



### Option 1 - Charging Station Solutions, Level 1, 2 or 3

- Because we are not tied to one EVSE manufacturer, Duo-Gard can provide the best feature set for your particular application, ranging from basic functionality to units with high-end, web-based monitoring.
- Stations can be configured to provide free charging services or to accept payments, including credit cards, creating a profit center.



### Option 3 - LED Lighting Applications

Duo-Gard can design a plan to address your canopy and/or parking lot lighting requirements while maintaining your net zero status.

### Option 2 - Sealed or Unsealed Construction

Based on our 28 years of producing state-of-the-art architectural structures, we have developed a proprietary system to create standard photovoltaic canopies engineered with continuous glazing channels. Duo-Gard's canopies are engineered and constructed with standard structural and weatherproofing details that create a weather-tight structure for all climates and are completely sealed against rain and snow. For applications where continuous glazing isn't necessary, unsealed construction can be a cost-effective alternative.



### Option 4 - Architectural Finishes

Choose either our rust-resistant, hot-dipped, galvanized finish or our superior standard, a 3-coat Tnemec system including zinc primer undercoat, a 2-part polyurethane epoxy and a polyurethane topcoat, the best finish in the industry for steel.



### Custom Design - Always an Option

Duo-Gard has been dedicated to engineering architecturally sound and aesthetically pleasing products for over a quarter of a century. We are a leading innovator in custom architectural canopies; in fact, we wrote the book, advancing with solar photovoltaic canopies with charging stations is a natural for us. Our in-house steel fabrication capabilities allow us the flexibility to produce distinctive, custom looks and features at a reasonable price.

We also offer bus, bike and specialty structures, high-performance translucent daylighting systems and illuminated walls and ceilings; all consistent with LEED philosophy.

We strive to curate with a conscience, seeking out the most flexible, innovative sustainable designs and sharing them with our communities.

### Duo-Gard Canopy & Walkway Projects Installed Across the Country



Call us at 734.207.9700 or email at [info@duo-gard.com](mailto:info@duo-gard.com) today. We'll work with you to determine which standard base or custom model best suits your needs and assist you in selecting the options that make the most sense for your project.

