



# GROUND MOUNTS | ROOF MOUNTS | EPC SOLAR CARPORTS | CONSTRUCTION SERVICES







Patriot Solar Group (PSG) offers PV mounting equipment and construction services in the solar industry.

Projects range from small commercial to large utility size. Our business is dedicated to providing customers with high quality solar products, components, installations, and project solutions at competitive prices. PSG has designed it's products to achieve the fastest install times in the industry, a critical requirement in the competitive solar industry:

- Located in Albion, MI
- Industry member for over 25 years
- All products are made in the USA

#### **Mounting Products**

PSG products include ground mounts (driven, ballasted, cemented foundation), carports (L, Y, T, and Long-span) and a ballasted roof mount for commercial applications. Multiple flat-roof and pole-mount options are also available for small commercial and residential projects. Our design team has remained focused on achieving the simplest and most effective solar mounting components and racking.



#### **Construction Services**

PSG provides efficient, simple, and cost-effective solar installations. We provide a professional support staff and knowledgeable solar installation teams. Our experience ranges from small and large ground mounts to large commercial carports throughout the US.

### Operations and Maintenance

Patriot provides high-quality solar construction and stands behind its work with both component and craftsmanship warranties. PSG also offers O&M services to extend the guaranteed performance of its systems for our valued customers.

### **Site Preparation Services**

Patriot's site preparation services include: site excavation, silt fence installation and tree removal. Patriot also offers low cost on-site consultation services prior to installation.



#### **EPC**

PSG is dedicated to offering high-quality solar components as well as full turn-key solar installations at competitive pricing to our business partners. We have successfully completed EPC projects across the US and now can offer this service to select customers.







## **Solar Carports**

Patriot's solar carport system is comprised of minimal components and "slide-in" purlin assembly, which is ideal for commercial and utility scale projects. These carports are designed to withstand the site's necessary wind and snow load conditions. Patriot's carports offer a robust solution for shading structures and car parking lots at a substantially low price.









### **GALACTIC Series**

- Standard universal mounting rails to fit any commercially available photovoltaic panel
- Modular design allows for multiple configurations dependent on field layout
- Each system is prefab designed for quick installation. Easy bolt together design requires no on-site alignment or welding



- 125 MPH windload
- Up to 40 PSF snowload
- Cat. 1 and Cat. 2 Approved

### **Structural Design Options**

- T-Frame
- Y-Frame
- L-Frame
- A-Frame
- T-Long Span
  - 65 ft post to post = 80 modules per section
  - 95 ft post to post = 120 modules per section
  - 125 ft post to post = 160 modules per section



## **Post-Driven Ground Mounts**

PSG's post driven ground mount is a quick and cost effective solution for residential, commercial and utility scale installations. We offer various panel configurations, and individual designs to meet site specific conditions.









### Mounts 60 cell & 72 cell panels

Available tilt angles 5° - 40°

### **ATLAS Series**

- Cost effective, economical and a fast ROI
- Minimal hardware = Non labor intensive
- G90 Pre-galvanized or hot-dipped steel
- 1 and 2 High Portrait Post Driven Ground Mount
- 4 and 5 High Landscape Post Driven Ground Mount

## **Ballasted Ground Mounts**

Our ballasted ground mount systems are ideal for commercial and utility scale installations on landfills, brownfields, rugged terrain and poor soil conditional. We offer multiple ballasted block sizes and various tilt adjustment features.









### **DELTA Series**

- No Ground Penetration
- Standard universal mounting rails to fit any commercially available photovoltaics panel.
- G90 Pre-galvanized or hot-dipped steel
- Minimal site preparation
- 1 and 2 High Portrait Ballasted Ground Mount
- 4 and 5 High Landscape Ballasted Ground Mount



## **Roof Mounts**

Atlantis is a ballasted roof mount solution featuring integrated grounding, up to 150 M.P.H. wind load. The Atlantis' simple design make it a leader in driving down installation time and balance of system costs. Modular assembly allows for avoiding roof top obstructions, utilizing available space in the most efficient way and reduced shipping costs as a result of the stackable lightweight design.



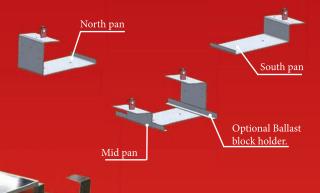






- Integrated UL grounding
- N/S and E/W wire management
- Cost effective, economical and fast install times
- Stackable design for efficient shipping (1 MW per truck)

### **ATLANTIS Series**



60 & 72 cell panels7° tilt

#### **Patriot Solar Group**

1007 Industrial Blvd. Albion, MI 49224

