



## Ballasted Ground Mount Presentation





# Product Overview

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- No Ground Penetration
- Standard Mounting Rails - Fits All Commercial PV Panels
- Ideal for large commercial and utility-scale installations
- Modular with quick assembly
- Rugged, weather-resistant designs
- Quick scalability





# Product Overview

- Minimal hardware = Non labor intensive
- Minimal Site Preparation
- Truss adjustable 5 – 40° as needed
- 10-year guarantee against mechanical failure (breakage) of the frame construction
- Galvanized rails and post | Electroplated powder coated truss (Aquence 930 Coating)





# Product Components

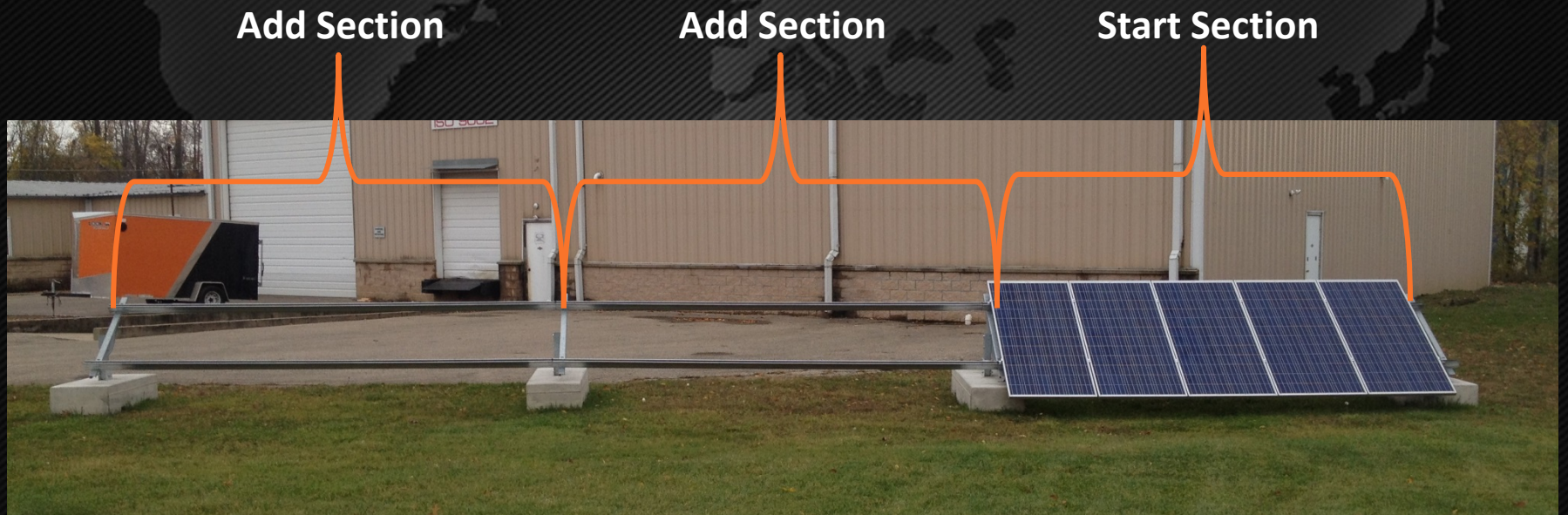
- 204" Mounting Length
- 5 Modules per Section
- Overlap ends
- + or – 1" adjustment
- 12 Gauge Thickness
- Wire Management



**External Wire Management**



# Product Components





# Product Components

## Customizable Rail Lengths



3 Panel

4 Panel



5 Panel

10 Panel





# Product Installation Steps

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## Step 1: Site Preparation



Place stone forms.



Pour & Spread Stone Base



# Product Installation Steps

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## Step 2: Site Preparation



Set premade blocks into position.



# Product Installation Steps

## Step 3: Mounting the Plates, Posts, and Trusses



Secure mounting plates



Attach post to mounting plates and  
attach truss to post.



# Product Installation Steps

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## Step 4: Mounting the Rails



Attach rails to trusses with bolt



# Product Installation Steps

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## Step 5: Mounting PV panels



Assemble modules to rails using the mid and top-clamps



# Product Installation

## Optional Accessories



Mount  
combiner box



Cable trays mounted  
on ballast blocks



Hybrid Ballast with  
Post Driven System



Additional blocks  
for mounting



External Wire  
Management  
Accessories



Mount Micro Inverters  
directly to rail





Past Projects

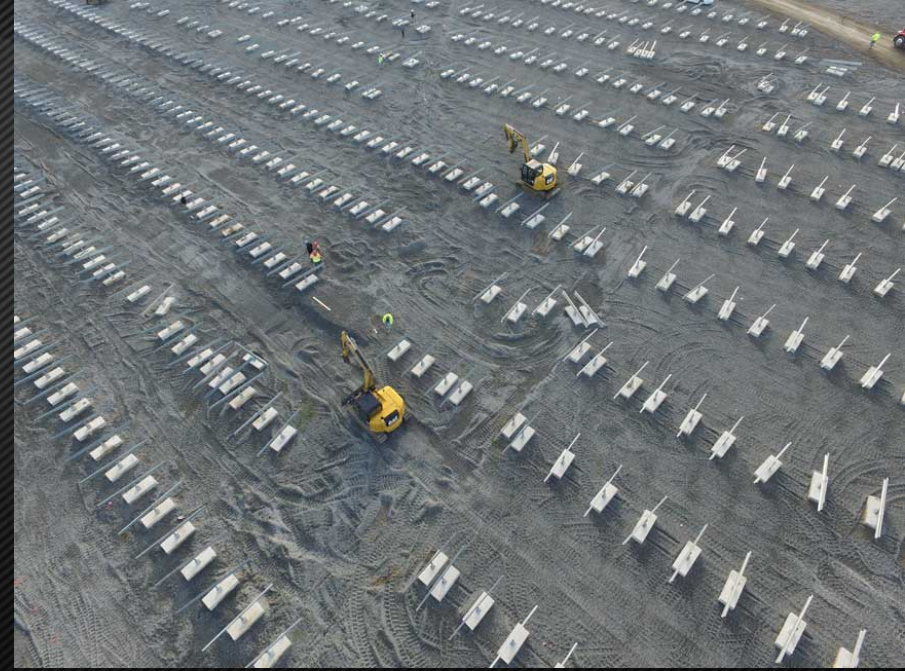




# Berkley Mass. Installation

Location: Berkley, MA

Size: 3.6 MW





# Edison Landfill Installation

Location: Edison, NJ

Size: 7.8 MW





# North Carver Landfill Installation

**Location:** North Carver, MA

**Size:** 1.8 MW





# Heritage Wind Farm Landfill Installation

**Location:** Garden Peninsula, MI

**Size:** 1.2 MW





# Maynard Installation

Location: Maynard, MA

Size: 1.2 MW





# Rutland Landfill Installation

Location: Rutland, VT

Size: 2.5 MW





# Brookefield Landfill Installation

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**Location:** Brookefield, MA

**Size:** 435 kW









# Case Study: Utility 500KW



## Advantages for Owner:

- Low Cost Racking
- No Maintenance
- Module clearance for O&M
- Meets all building code design criteria
- Galvanized Steel



## Advantages for Installer:

- No scaffolding or ladders
- Quick Installation
- Ability to follow land contours – Adjustable Post
- Cost Savings with longer rows and string sizing



# Case Study: Commercial 150KW



## **Advantages for Business Owner:**

- Low-profile Design
- No Maintenance
- Sufficient module clearance for vegetation removal



## **Advantages for Installer:**

- Minimal Site Prep
- Quick Installation
- Integrated Wire Management
- Cost Savings with longer rows



# Case Study: Residential 4KW



## Advantages for Home Owner:

- Low-profile Design
- Small Footprint
- No Maintenance
- Module clearance for vegetation removal
- Low Cost



## Advantages for Installer:

- No Post Driving
- No scaffolding or ladders
- Quick Installation
- Integrated Wire Management





**Thank You!**

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