



# Spec Sheet - Standard Ground Mount



## The Osprey Power Rack has the following key specifications

- Technology neutral design compatible with a variety of solar panel manufacturers, with 3 designs to choose from: OPR LTE, OPR LTE-HD, and OPR MAX.
- Pre-engineered to hold 12, 16, 20, or 24 solar panels in a landscape orientation.
- Total power output of up to 12.96 kW (24 x 540W solar modules).
- Compliant with UL 2703 and features self-bonding mid clamps.
- Meets ASCE 7-16 standards and is rated as Category 1.
- Withstands wind loads of up to 130 mph and snow loads of up to 70+ psf (custom options available).
- Fixed tilt orientation of 15° to 35°, with custom options up to 45°.
- Engineered for use on N/S sloped terrain (up to 10°) and E/W sloped terrain (up to 5°).
- Pre-assembled legs with adjustable height of 24" to 51" (front legs) and telescoping square tube legs to 101" (rear legs).
- Small footprint with a spacing of 74" to 82.5" between front and rear legs.
- Standard finish options of ZAM275 or galvanized (G90) steel, with other options available.
- Comes with a 20-year limited product warranty.
- Made in the USA (available option).

## Sustainable Solution

- No need for a geotechnical report, as soil conditions can be verified in real-time using the proprietary Osprey PowerJack.
- No concrete is required, reducing the environmental impact of the installation.
- Utilizes up to 30 cubic feet of earth above each anchor, with the soil and sediment acting as a natural ballast to hold the PowerRack in place.
- The use of handheld tools reduces the need for heavy equipment or machinery, further reducing the environmental impact of the installation.
- Less mobilization to the site, reducing the carbon emissions (CO<sub>2</sub>) of the project.
- 100% removable with no long-term environmental impact after the life of the system.
- 100% transportable, with the "Lift and Shift" capability to move the renewable capital asset as needed.

## 100% modular and scalable, with a universal table design.

- Based on pre-engineered solar arrays and patented earth anchor foundation technology.
- Designed to be installed using handheld tools.
- Composed of interchangeable components that can be used to assemble multiple table sizes (4x3x2, 4x4x2, 4x5x3, and 4x6x4).
- Stock and inventory efficient, with kitted and boxed hardware and fewer SKUs.
- The longest component measures 98 inches.
- Stocked on wooden pallets for ease of handling.
- Delivered in a van or box truck, or can be transported in the back of a pickup truck.
- Easy and safe to handle, with convenient material handling options.

## Structural Engineering

- Structural analysis report: The Osprey Power Rack comes with a comprehensive report including analysis for all 50 US states, covering various loads that impact its structural integrity.
- Site-specific SSM: A site-specific and stamped structural engineering report (SSM) is available for an additional fee, providing detailed information for building code compliance and permits. Provided by licensed engineers.

## Saving Time and Money - 2MW commercial project

- Quick installation: The Osprey Power Rack can be installed in an average time of less than 60 minutes with a 3-4 person crew.
- Low labor cost: The cost of installation is less than \$0.12 per watt, which includes the cost of racking, foundation, solar panels, and anchor load testing.
- Significant time and cost savings: Using the Osprey Power Rack can save up to 416 man hours (52 days) per 2MW commercial project, and up to \$144,640 per 2MW project.



**NUANCE ENERGY™**  
Revolutionary Solar Racking Structures



**OSPREY**  
Power Rack

## OSPREY PowerRack™ MAX

4x3x2



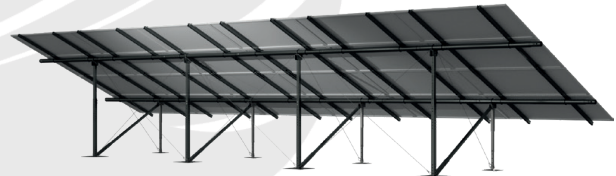
4x5x3



4x4x3



4x6x4



## OSPREY PowerRack™ LTE-HD

4x4x3



4x5x4



## OSPREY PowerRack™ LTE

4x3x2



4x5x3



4x4x2



4x6x4

