



NUANCE ENERGY
Revolutionary Solar Racking Structures

GROUND MOUNT SYSTEM

ETL CLASSIFIED



**CONFORMS TO UL STD
2703 CERTIFIED TO
CSA LTR AE-001**



PAT #US 10,622,938
PAT #US 11,271,520



OSPREY
Power Rack



KEY SPECIFICATIONS

- Solar panel manufacturer technology neutral with 3 designs: (OPR LTE, OPR LTE-HD and OPR MAX)
- Pre-engineered OSPREY holds (12, 16, 20 or 24) solar panels in landscape orientation
- Total power output up to 12.96kW (24 x 540w solar modules)
- UL 2703 Compliant; Self-bonding mid clamps
- ASCE 7-16; Category 1
- Wind loads ≤ 130 mph and Snow loads $\leq 70+$ psf. (custom available)
- Fixed tilt orientation (15° to 35°); custom to 45°
- Engineered: N/S sloped terrain (up to 10°); E/W sloped terrain (up to 5°)
- Pre-assembled independently power adjustable (front) legs 24" – 51"
- Telescoping square tube (rear) legs to 101"
- Small footprint only (74" – 82.5") spacing between front and rear legs
- ZAM275 or Galvanized (G90) steel finish standard; others available
- 20-year limited product warranty protection
- MADE in USA (available)

Sustainable Solution

- Geotechnical report usually not required. Real-time soil verification and anchor load (pull) test achieved using proprietary OSPREY PowerJack™
- No concrete
- Use up to 30 cubic feet of earth above each anchor installed. Soil and sediment act as a natural ballast holding OSPREY PowerRack™ to ground
- Use of hand-held tools reduce need for heavy equipment or machinery
- Less mobilization to site reduces a project's carbon emissions (Co2)
- 100% removable; no long term environmental impact after life of system
- 100% transportable with "Lift and Shift" capability of renewable capital asset

100% Modular, Scalable and Universal Table Design

- Pre-engineered solar arrays; patented earth anchor foundation technology
- Install using handheld tools
- Interchangeable components used to assemble multiple table sizes: (4x3x2, 4x4x2, 4x5x3 and 4x6x4)
- Stock and inventory efficiency
- Kitted and boxed hardware
- Less # SKUs
- Longest component 98"
- Stock on wooden pallets
- Deliver in van or box truck, overhead or back of pickup truck
- Easy and safe material handling

Structural Engineering

- Structural Calculation and Professional Engineering Report with vertical and lateral analysis (dead load, live load, wind load, seismic load, etc.) for all 50 US states
- Site-specific and stamped structural engineering report (SSM) is additional fee

Saving Time and Money - 2MW commercial project

- Average installation time: < 60 minutes with 3-4 person crews
- Lowest labor cost: < \$0.12/watt (includes: Racking, foundation, solar panels and anchor load testing)
- Save up to 416 man hours (52 days) per 2MW commercial project
- Save up to \$144,640 per 2MW



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OSPREY PowerRack™ MAX



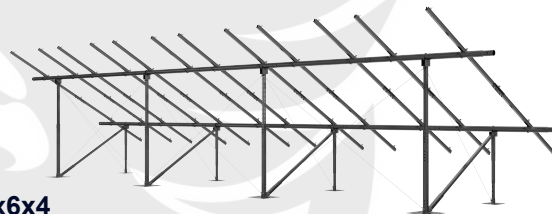
4x3x2



4x5x3



4x4x3

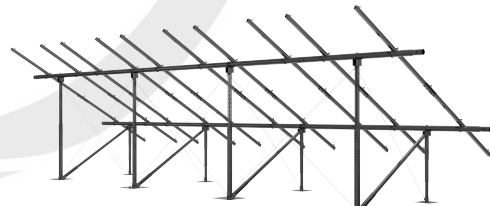


4x6x4

OSPREY PowerRack™ LTE-HD



4x4x3



4x5x4

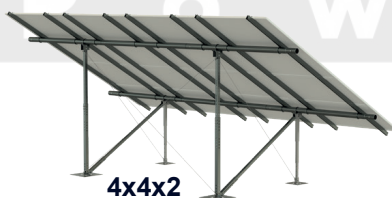
OSPREY PowerRack™ LTE



4x3x2



4x5x3



4x4x2



4x6x4