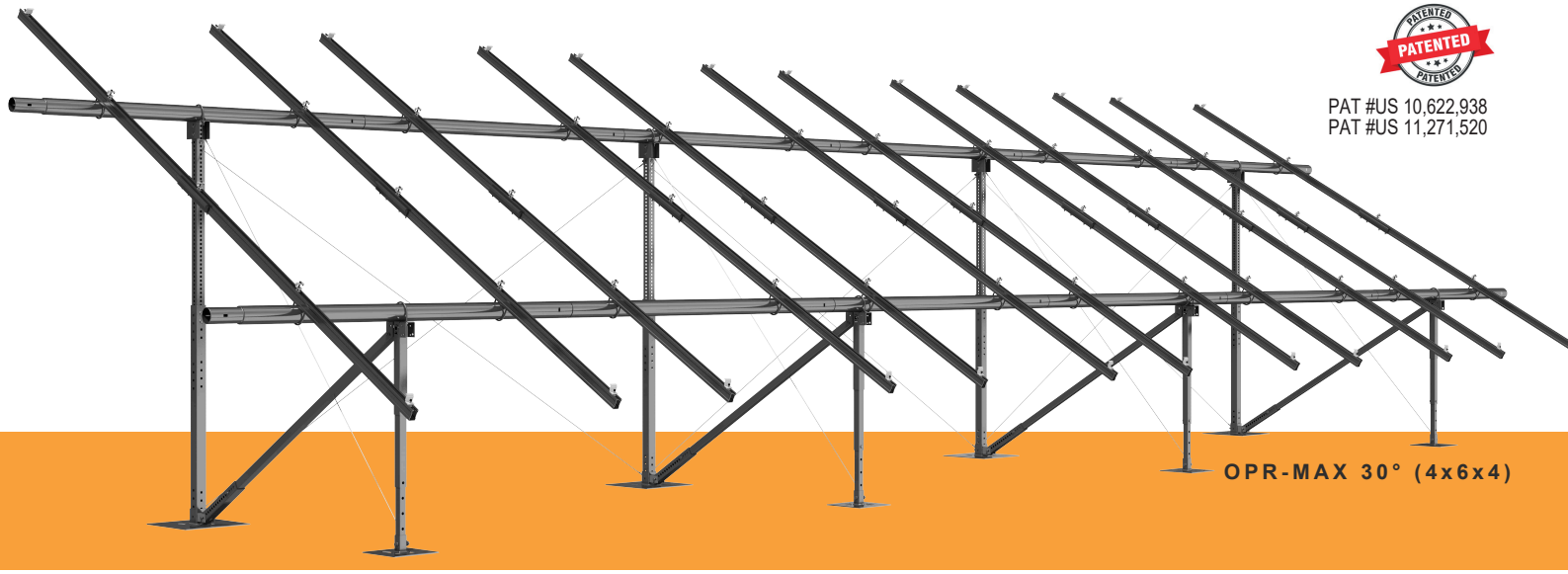
NUANCE ENERGY
Revolutionary Solar Racking Structures

OSPREY PowerRack



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

OPR-MAX 30° (4x6x4)

Commercial

INDUSTRY'S FASTEST INSTALLATION TIME + DRAMATIC COST REDUCTIONS

CONVENTIONAL FOUNDATION INSTALLATION
2MW INSTALLATION

60+
DAYS TO INSTALL

VS

OSPREY PowerRack™
2MW INSTALLATION

16
DAYS TO INSTALL
- 4 person install teams
- Up to 12kW per hour
- Less mobilization to site

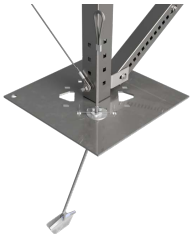
$145,000+
SAVINGS
- Savings due to field labor costs
- No pile driving
- No geotechnical report

SAVE TIME AND MONEY

- No Geotechnical Reports[1]
- No Heavy Equipment
- No Pounded Posts or Ground Screw
- No Concrete or Ballast Blocks
- Lowest Labor Cost in Solar Industry!

The OSPREY PowerRack™ is a patented ground mount solar racking system that has revolutionized the solar industry in terms of less mobilization, time to install and labor savings.

You hit a home run with this product!
— Jack Ramsey, CEO, AltSys Solar

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

KEY SPECIFICATIONS

- Solar panel manufacturer technology neutral with two designs: (OPR LTE, OPR MAX)
- Pre-engineered OSPREY's hold (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 ≤ 70+ psf.; (custom available)
- Fixed tilt orientation (15° to 35°); custom to 45°
- Engineered for N/S sloped terrain (< 10°); E/W sloped terrain (< 5°)
- Pre-assembled independent 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; other options available
- 20-year limited product warranty protection
- MADE in USA (available)

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, 4x3x3, 4x4x2, 4x4x3, 4x5x3, 4x5x4, 4x6x4, 4x6x5)
- 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
- Safe and easy material handling

Sustainable Solution

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

Structural Engineering

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

MODEL	PANEL TYPE	FOOT PRINT	TILT	HEIGHT ADJ.	PANEL CONFIGURATIONS	WIND/SNOW
OPR LTE	(365w - 465w); 60c/72c	74"	15° - 35°	24" - 51"	4x3x2,4x3x3,4x4x2,4x6x4 4x4x3,4x5x3,4x5x4, 4x6x5	≤110; 30psf.
OPR-MAX[1]	(480w - 670w) [2]large format	82.5"	15° - 35°	24" - 51"	4x3x2,4x3x3,4x4x2,4x6x4 4x4x3,4x5x3,4x5x4, 4x6x5	≤110; 30psf.

ETL CLASSIFIED
Intertek

[1]Custom engineering available in Heavy Duty Snow Load < 70psf.; [2]Designed for large format panels < 45" Wide x 90"+ Long

*Standard
**110mph Standard