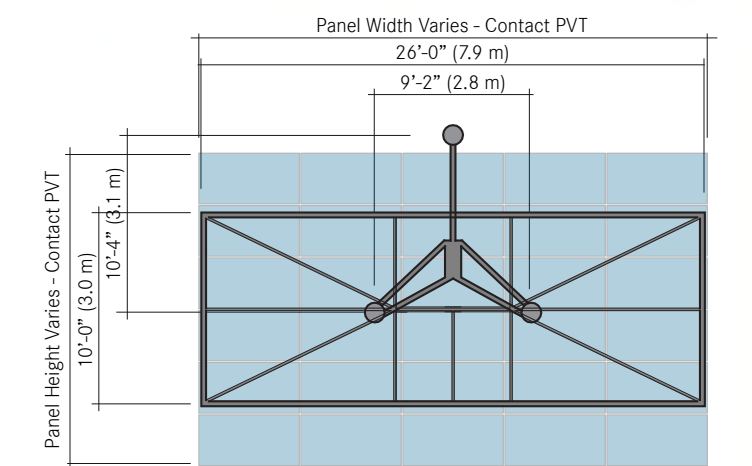


PV Trackers develops innovative patented technology in the form of a dual-axis tracker that reduces the levelized cost of producing solar energy by 33%. Our technology combined with world-class design, easy installation and outstanding reliability are some of the reasons why we are the largest USA based dual axis-tracker company. We are also more than just a tracker company:

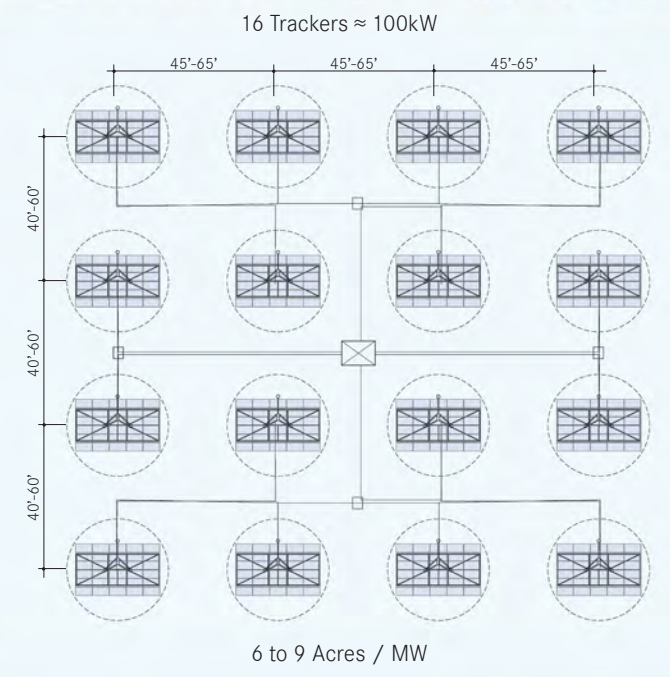
## WE DESIGN POWER PLANTS

### UPGRADES FROM THE 6.0DX INCLUDE:

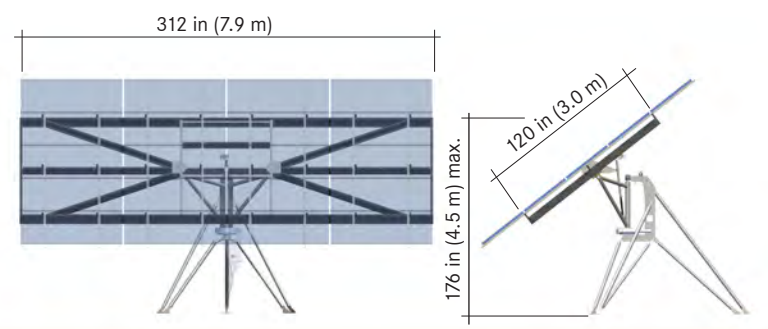
- 20% MORE CAPACITY
- LOWER PRICE/STC DC WATT
- MORE EFFICIENT MOTORS
- LOWER POWER USAGE
- PATENTED STOW CAPABILITY
- LONGER MTBF
- SHORTER MTTR
- ENVIROMENTALLY SEALED DRIVES
- ADDITIONAL GEAR REDUCTION FOR BOTH N/S & E/W
- UL LISTED POWER SUPPLY
- OPTIONAL DC ARRAY CURRENT MONITORING
- OPTIONAL WIRELESS



- Total panel/module area approx. 500 ft<sup>2</sup> (46.5 m<sup>2</sup>). Call PV Trackers to see how your panels fit.
- Typical panel configurations accomodate 24-33 units/tracker (6.0 to 7.4kW/tracker)



## SPECIFICATION DATA



SOUTH ELEVATION

EAST ELEVATION

### ENERGY PERFORMANCE

Over fixed-tilt rack	≈ 40% annually (site dependent)
Photovoltaic Power / Tracker	6.0kW - 7.4kW (dependent on panel specifications)
String configuration	2 - 3 parallel strings operating within 250-600 volt window

### PHYSICAL

Tracker axis	Dual-Axis
Azimuth rotation angle	+/-95° from South (software controlled)
Altitude tilt angle	0° to 60° (software controlled)
Tracking accuracy	+/- 0.5°
Height @ max. tilt (excluding pane)	14 feet 8 inches (4.5 m)
Width (excluding panels):	26 feet (7.9 m)
Weight (excluding panels)	Approx. 1700 lbs.

### OPERATIONS

Azimuth drive	Worm Drive
Altitude drive	Ball Screw Linear Actuator
Drive consumption	0.16 kWh/day
Drive operating voltage	160-600 VDC and 277 watt AC (WYE)
Tracking technology	Calculation based tracking. Integrated shade avoidance
Communications	RS-485
Monitoring	On-site software, Internet
Temperature rating	-40° C to + 70° C
Standby power consumption	0.35 kWh/day
Wind protection system	Automatic feathering and stow algorithm
Wind load (max)	90 MPH

### COMPONENTS

Structural material	Hot dipped galvanized steel
Structural design	Tripod legs / Tetrahedron support
Electrical cabinets	IP56 / Nema 4x

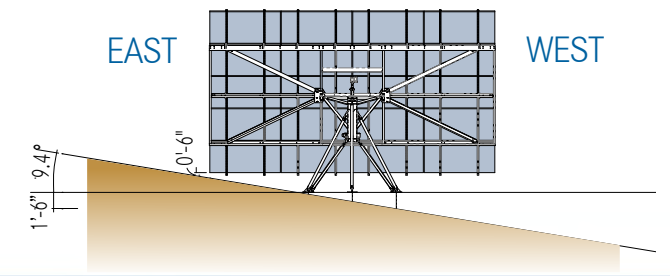
### ENERGY

Panel surface area (max.)	500 s.f. (46.5 m <sup>2</sup> ) - PVT to verify panel configurations
Panel types	Any type of PV module
Inverter types	Customer supplied inverters (1 or multiple trackers/inverter)

### RELIABILITY

Complies with	N.E.C. 2008
Maintenance	Annual inspection, NO lubrication, panel cleaning as required
Guarantee	10 years fabricated parts & electronics Extended warranties available upon request

## PLAN VIEW DIMENSIONS

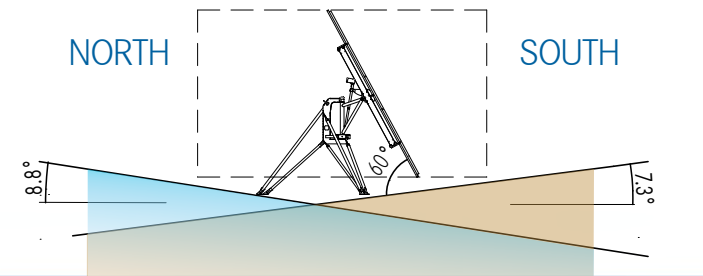


## MAXIMUM SITE SLOPE



- Preferred Option:
- Helical Piles (shown), ideal for 80% of soil conditions; require no site prep, concrete or reinforcing; and can be installed in 5 minutes
- Other Options:
- Concrete Pier Footings
  - Concrete Pad Foundation

## GROUND ANCHORING OPTIONS



- Site Evaluation
- Feasibility Studies with Estimated Performance
- Installation Training
- Commissioning Support
- Remote Monitoring of Solar Power Plants
- 24/7 Security
- Extended Warranties Available

## SERVICES PROVIDED