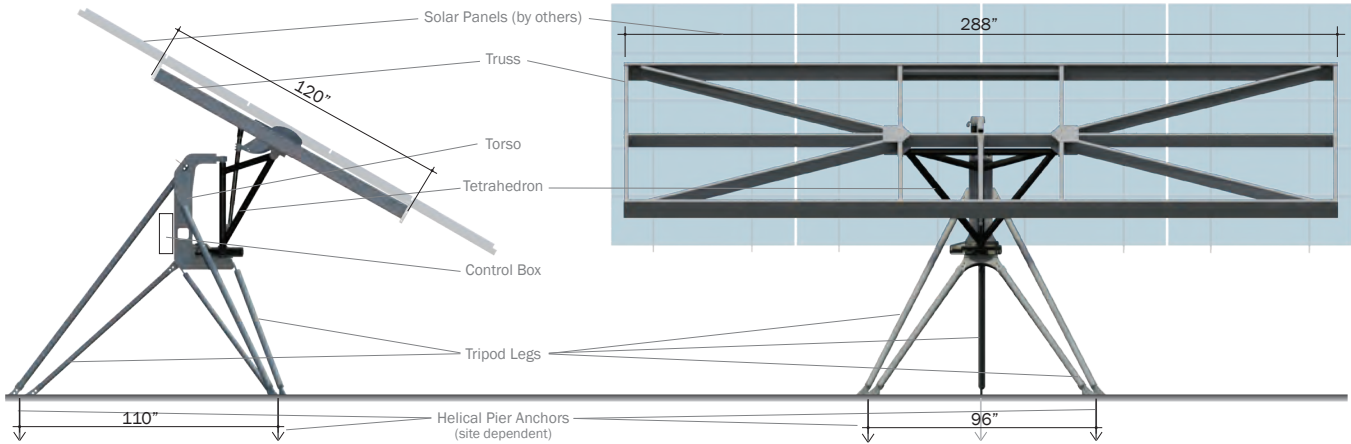


## PVT 6.0DX SPECIFICATIONS



<b>Energy Capture</b>	Over fixed-tilt rack	Up to 40%
	Photovoltaic Power / Tracker	5.6kW (typical) - 6.5kW (certain panel types)
	String configuration	2 parallel strings 160-600 volts
<b>Operations</b>	Tracker Axis	Dual-Axis
	Azimuth drive	Worm Drive
	Azimuth rotation angle	+/-95° from South
	Altitude drive	Ball Screw Linear Actuator
	Altitude tilt angle	0° to 75°
	Tracking accuracy	+/- 0.5°
	Drive consumption	0.13 kWh/day (powered by the solar panels)
	Drive operating voltage	160-600 VDC
	Tracking technology	Calculation based tracking. Integrated shade avoidance.
	Communications	RS-485
	Monitoring	On-site software, Internet
	Wind protection system	Automatic detection sends trackers to stowed position @40 MPH
Wind load (max)	90 MPH	
<b>Components</b>	Structural material	Hot dipped galvanized steel
	Structural design	Tripod legs / Tetrahedron support
	Weight (without panels)	Approx. 1650 lbs.
	Dimensions:    Height (at maximum tilt)	16 feet 9 inches
	Width	24 feet
Electrical cabinets	IP 66 / Nema 4x	
<b>Inverters</b>	Inverter Types	Customer supplied inverters (1 or multiple trackers/inverter)
<b>Solar Panels</b>	Panel Surface Area	+/- 450 s.f. (42 m <sup>2</sup> )
	Panel Types	Any type of PV module
<b>Reliability</b>	Complies with	N.E.C. 2008
	Maintenance	Annual inspection, NO lubrication, panel cleaning as required
	Guarantee	10 years parts and labor