



Wave 45

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Pre-built modular carports

Easier to configure, design & install
Less impact, no dig foundation
Lower disruption to business



Finalist
2024 American Solar Prize

Award-winning design

- Modular towers and power modules simplify design
- Low-impact earth anchoring can vary for site conditions
- Each 45kW pod pre-built with solar PV modules, DC wiring, lighting & delivered to site

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1. Set Bases

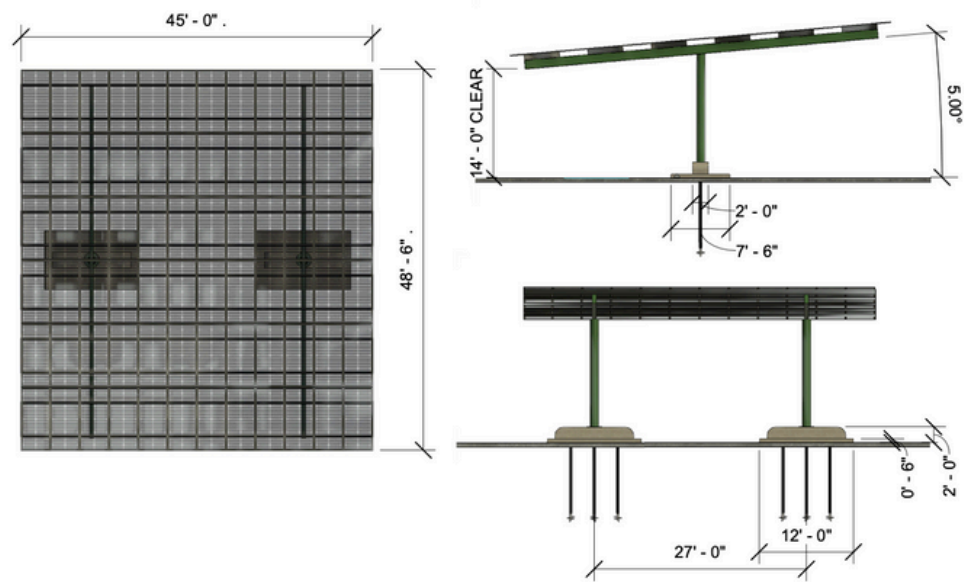


2. Set Towers



3. Set Wings

Wave 45
single tilt pod



anchor specification will vary by site

Wave 45 pod specifications*

Electrical	
Total Power Rating	45kW (72 X 625W)
PV module	Qcells Q.TRON_XL-G2-BFG series 610-635 bifacial modules
Lighting	8x PacLights FVTB-4D-PS adjustable: 45w/38w/34w & 3500k/4000k/5000k
Central Inverter	2x CPS 25kW 208V/480V or 1x CPS 50kW, available as option
EV charging	Blink Level 2 double port EV chargers, available as option

Mechanical	
Coverage	Double row parking, 5 spaces each row, 10 total
Base & Foundations	Precast concrete base with project-specific earth anchoring system included
Pwr.Towers	Base: precast concrete; Columns: galvanized or coated steel or precast concrete Beams: galvanized or coated steel
Pwr.Wings	Frame: galvanized cold formed steel Mounting: V-Clamp TM by VesprSolar - UL-2703 Offsite assembly: Power modules include PV modules, steel frame, DC wiring

*Rendered images of preproduction designs. Final product design and options may vary.