



Wave 22

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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 22.5kW pod pre-built with solar PV modules, DC wiring, lighting & delivered to site

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1. Set Bases

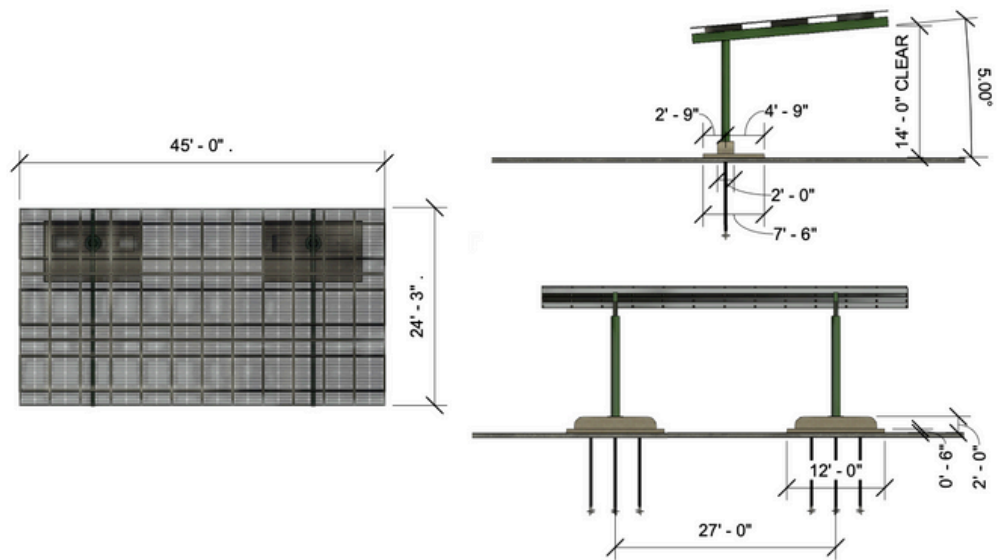


2. Set Towers



3. Set Wings

Wave 22  
cantilever pod



anchor specification will vary by site

Wave 22 pod specifications\*

Electrical	
Total Power Rating	22.5kW (36 X 625W)
PV module	Qcells Q.TRON_XL-G2-BFG series 610-635 bifacial modules
Lighting	4x PacLights FVTB-4D-PS adjustable: 45w/38w/34w & 3500k/4000k/5000k
Central Inverter	CPS 25kW 208V/480V, available as option
EV charging	Blink Level 2 double port EV chargers, available as option

Mechanical	
Coverage	Single row parking, 5 spaces 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 <sup>TM</sup> by VesprSolar - UL-2703 Offsite assembly: Power modules include PV modules, steel frame, DC wiring

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