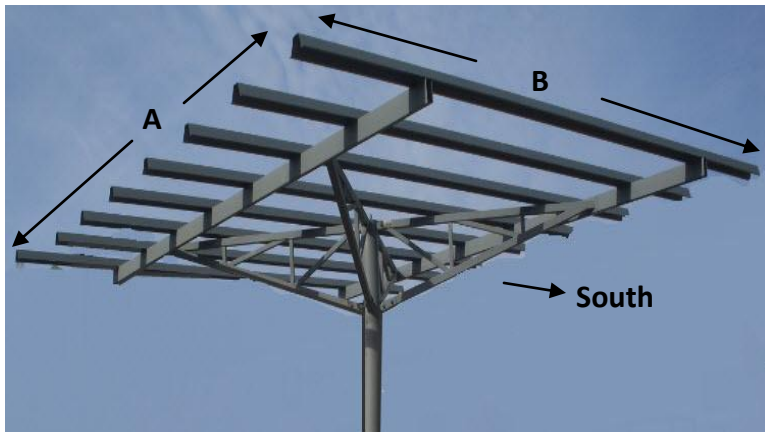


## SkyTree<sup>tm</sup> Solar Shade Structure

The SkyTree Solar Shade Structure is an ideal way to elegantly elevate a PV array onto a single column. SkyTree structures are most economical for power systems between 3.8kW to 18kW, especially for locations with limited access for foundation site work.

SkyTree systems have been installed for awareness and interface of public solar car re-charging stations. Applicable for schools, homes, commercial / industrial facilities, recreation and US Forest service locations.

SkyTree support structure is pre-fabricated, assembled as a 'kit' including fasteners and assembly instructions. A two-man crew can install in one day, once the footing is ready. The support column is prepared with a welded four-bolt base plate for attachment to a concrete footing prepared with pre-cast anchor bolts.



### SkyTree Specifications

**Sizes:** 15, 28 or 60 PV Modules, 60 or 72 cell platforms

**Tilt Angle:** 5 or 10 Degrees

**Clearance Height to Extreme End:** 13'-6"

**Wind load:** 90mph Exposure C

**Seismic:** Site Class D

**Snow Load:** Designed To Site Location Conditions

**Module Attachment:** SkyGrip Top Grounding Clamps

**Permit Plan Set:** P.E. Stamped Drawings

**Module Rail:** Shared Hat Channels A570 G90 Galvanized

**Support Beams:** Cee Purlins A570 G90 Galvanized

**Perimeter Trim:** 14gauge Channel A570 G90 Galvanized

**Structural Truss:** Tube Steel A500 Gr. B, Primer Painted

**Pipe Column:** Std. Pipe A500 Gr. B, Primer Painted

**Structural Bolts & Anchors:** Galvanized Steel A325N

**Option:** Hot Dip Galvanize A123 Column and Trusses

### SkyTree Size- With 60 Cell Modules

No. Modules	Dim A	Dim B	Column Size
15	17'-2"	16'-7"	6" pipe
28	24'-2"	22'-3"	8" pipe
60	34'-2"	33'-1"	12" pipe

### SkyTree Size- With 72 Cell Modules

No. Modules	Dim A	Dim B	Column Size
15	17'-2"	19'-8"	6" pipe
28	24'-2"	26'-3"	8" pipe
60	34'-2"	39'-3"	12" pipe