

❖ Dual Post Canopy - Double Cantilever - Dual Purlin - Modules in Portrait

The Double Cantilever/ Double Post Canopy with dual purlins is a cost effective approach to cover large areas with minimal Column foundation spacing. This Cantilever design, by adding one column to the traditional 'T' design, is an ideal approach for extending the solar coverage area when foundation locations are restricted. Structure tilt angles can be flat '0', 5 or 10 degrees.

Modules

60 or 72 cell sizes, structure designed to layout requirements

Columns

Wide Flange Beam: ASTM A992 Gr.50

Spacing: 27ft O.C.

Finish: One coat tinted water base rust inhibitive primer

Optional: Hot Dip Galvanized ASTM A123

Beams

Wide Flange Beam: ASTM A992 Gr.50

Spacing: 27ft O.C.

Finish: One coat tinted water base rust inhibitive primer

Optional: Hot Dip Galvanized ASTM A123

Purlins

Cee Purlin: Cold Formed #14ga. Steel ASTM A570 Gr. 55

Typ Size: 10" x 2-1/2"

Finish: ASTM A653 G90 Galvanized

Trim

Purlin End Caps: Cold Formed #14ga. Steel Gr. 55

Size: 10-1/8" x 2-1/8" #14ga.

Finish: ASTM A653 G90 Galvanized

Module Mounting to Purlin

Top Clamps: W/2 Self Drilling Screws-#12

Option: Top Clamps W/Thru-Bolt (requires drilled hole)

Preferred: SkyGrip Self Grounding Mid Clamps



Double Cantilever – Dual Post Extends Width



Double Cantilever - Dual Post Design



Dual Purlins - Modules in Portrait