

GC Roof System



\$.099/watt

2 MW, 335w panels, 5° tilt



- Industry's best quality, price and install speed
- Just two snap-together components
- Fire proof, durable aluminum and stainless components
- Available in 5, 10, 15, 20 and 25° tilt
- ETL / UL 2703 Tested
- Bankability technical assessment by Black & Veatch
- Wind tunnel tested by industry leader CPP and rated 120 mph



System Information

Features:

Just two snap-together components
 Fire proof, durable aluminum and stainless components
 Robust, hi-tech wind deflectors reduce ballast, typical loading 2.5 – 3.9 psf
 Available in 5, 10, 15, 20 and 25° tilt
 Teethed module clamps included - approved by ETL to UL 467
 Custom pan sizes available with shorter row spacing for increased array density
 Full layout and engineering analysis for every project
 Available with pre-attached EPDM Slip Sheets
 Made in the U.S.A.

Installation:

Fastest install time; up to 50% less than competitors
 Can be installed on any flat roof
 5 men install 200 panels, racks and ballast per day
 15 men install .93 MW per week

Testing & Certifications:

Wind tunnel tested and rated for 120 mph wind speed
 Unique design innovations with patents pending
 Passed rigorous ETL/UL 2703 testing requirements
 ETL/UL 467 GameChange grounding strips or teethed module clamps included
 55 psf ground snow load rated and tested
 Meets IBC and ASME standards for structural loading
 Warranty 25 years - simply the best in the industry

Pricing:

Starts from \$.099/watt
 (2 MW, 335 watt panels, 50 snow, 110 wind, 5° tilt)

Technical Data

Material:

Pan, wind deflector: 5052H32 aluminum
 Panel Clips: aluminum or stainless steel
 Hardware - ¼-20 x 2-1/2 inch bolts, serrated flange nuts, TEK 3 screws, lock washers: stainless steel, P-clip: G90 galvanized steel

Calculations:

100% code compliant designs for any locality
 Third-party structural PE stamped drawings and calculations
 Individual system structural calculations
 Individual system design calculations based on regional load values
 Design loads according to IBC 2006 or 2009
 Patent pending profile geometries with optimum material utilization

Distribution Load:

Typical roof loading 2.5 – 3.9 lbs/sq. ft.

Pan Row Spacing:

5, 10, 15 or 20° tilt option; 8.5/16.5/24.8/30.0/35.0 inches

Pan Width:

5,10,15 or 20° tilt options; 24/15.25/15.25/15.25/24 inches

Shade Angles:

5, 10, 15° tilts: 22° shade angle, or 20° tilt 23.5°, 25° tilt: 25.5° shade angles

Grounding:

Racking system has integrated grounding utilizing ground strips to corner of each array
 Grounding must be done by electrician at row end at corner of array



Two snap-together components enable rapid install



Robust hi-tech wind-deflecting screens enable low ballast



Easy integrated EW and NS wire management



Available with pre-attached EPDM Slip Sheets



Fast install: 15 men install .93 MW panels, racks & ballast per week



GameChange ETL/UL 467 listed self-grounding panel clamps included