



Sunfix Plus Racking Configurator

Project Information

Dave Strenski

stren@cray.com

734-000-0000

Address: 206 Oak

Ypsilanti,

MI 48197, USA

Project Description:

Porch

System Criteria

Total # of PV Modules	7
Total # of PV Modules	Sunmodule Plus
PV Module Rated Power	240 Watts
Module Frame Color	Silver
Module Orientation	Portrait
Varying Modules per Row	False
# of Rows (East/West)	1 Rows (East/West)
• Ref. # of Modules per Row	7
Type of Roof Covering	Composition
• Quick Mount PV Roof	Composition - Mill
Flashing	
Roof Pitch	7-27 Degrees
Snow Load (psf)	40 psf
Wind Speed	90 mph
Exposure	B
Zone	1

Options

Rafter Spacing	48"
Max Span	60"
Add Micro-Inverter	No
Mounting Pricing	
Height Extensions for	None"
Quick Mounts (in)	
Spare Hanger Bolts for	No
Quick Mounts	
WEEB Grounding for	None
Rails	
Discount in Percentage	0% & 0%
(MISC & SUNFIX)	

Bill of Materials

Sr. #	Item #	Description	Units	Weight/ea. (LBS)	Unit Price	Qty	Total Price
1	EC0591	RAIL SFP2 3099MM 122"	PCS	6.720	\$29.03	2	\$58.06
2	EC0592	RAIL SFP2 4115MM 162"	PCS	8.924	\$38.56	2	\$77.12
3	EC0421	SPLICE CONN SFP2 RAIL CLR ANO	PCS	0.335	\$4.25	2	\$8.50
4	EC0427	L-BRACKET SFP2	PCS	0.146	\$2.50	12	\$30.00
5	EC0496	NUT HEX M8 SERR FLG A2 SST	PCS	0.004	\$0.31	12	\$3.72
6	SH0001	T-HEAD BOLT M8x20 A2	PCS	0.031	\$0.46	12	\$5.52
7	SA0192	TOP CLAMP ASSY M8 31MM	PCS	0.088	\$2.09	16	\$33.44
8	EC0602	EQUIP GND LUG 8.0 KIT W/T-BLT	PCS	0.099	\$9.30	2	\$18.60
9	EC0603	RAIL SPLICE GROUND 8.0KIT W/ T-BLT	PCS	0.119	\$13.73	2	\$27.46
10	EC0595	WIRE CLIP #10AWG 50 PACK	PACK	0.099	\$22.40	1	\$22.40
11	EC0604	HEX BIT TORX T40 2"LG	PCS	0.011	\$2.21	1	\$2.21
12	EC1154	QM COMP E- MOUNT 9"x12"	PCS	0.830	\$15.50	12	\$186.00
13	SA0215	SF END SPACER 31MM	PCS	0.071	\$0.52	4	\$2.08
14	EC0526	CABLE TIE 13"UV RES BLK 50PK	PACK	0.150	\$45.00	1	\$45.00

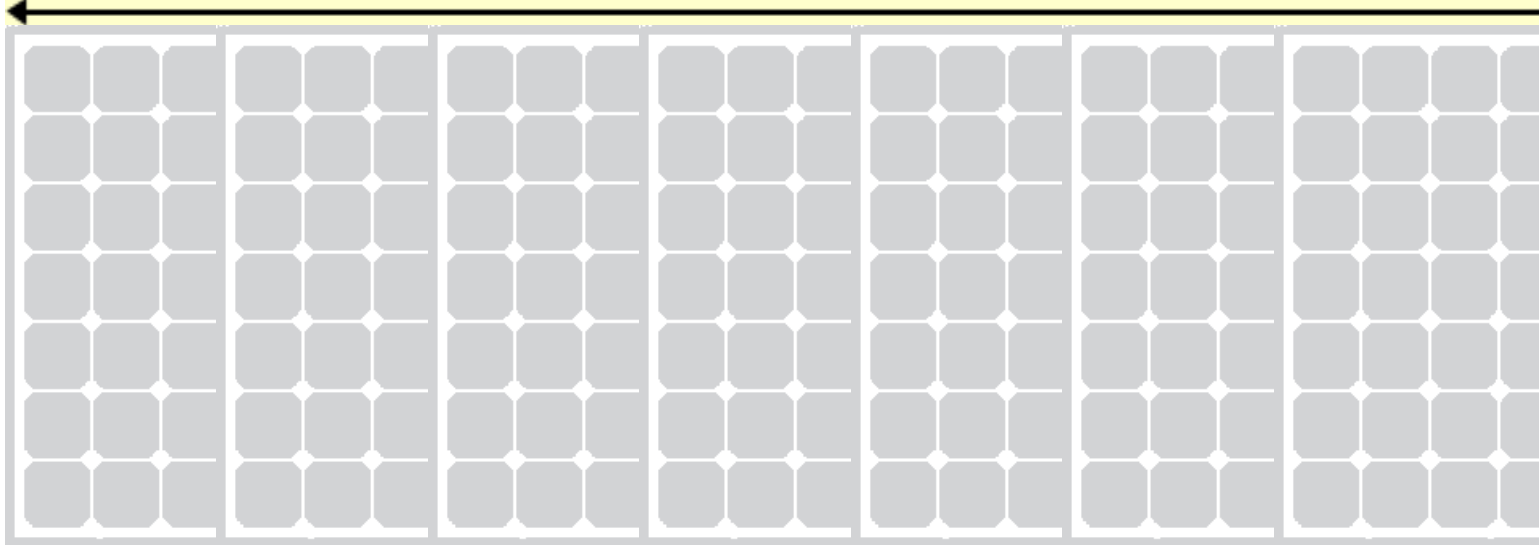
Sub-total List Price: **\$520.11**

Discount: **\$0.00**

Discounted Price: \$520.11

Solar Panel Image

of modules per row



Power Generation Details

\$/Watt:	\$0.31
Watt/ft:	13.19
Array Power (kW):	1.68

Spans

Max Span (in):	60
Max Cantilever (in):	30
Rafter Spacing (in):	48
Max Span w/Rafter Spacing (in):	48

Loads

Array Length (ft):	23.18
Array Width (ft):	5.50
Array Area (ft):	127.37
Weight of mounting (lbs):	46.48
Weight of mounting and modules (lbs):	373.38
Weight of mounting per Array Area (lbs/ft ²):	0.36
Weight of mounting and modules per Array Area (lbs/ft ²):	2.93

Notes

Contact SolarWorld Customer Service if you have any questions regarding the products, pricing, or discounts for your organization.

customerservice@solarworldusa.com

(805) 388-6590

If you need assistance with designing a system, contact SolarWorld Design Services.

designservice@solarworldusa.com

Disclaimer -This design and associated bill of materials is to be evaluated to the Sunfix Plus Pitched Roof Mounting System Planning and Installation Guide which references International Building Code 2006 and 2009, American Society of Civil Engineers 705, California Building Code 2010, and the Uniform Building Code. The installation of products related to this design is subject to requirements in the above mentioned installation manual.

©SolarWorld AG. This website is powered 100 percent by clean, renewable energy.