

Roof Type	Roof Height	Fire Zone
Asphalt shingles	3 Story	18"

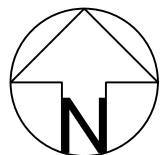
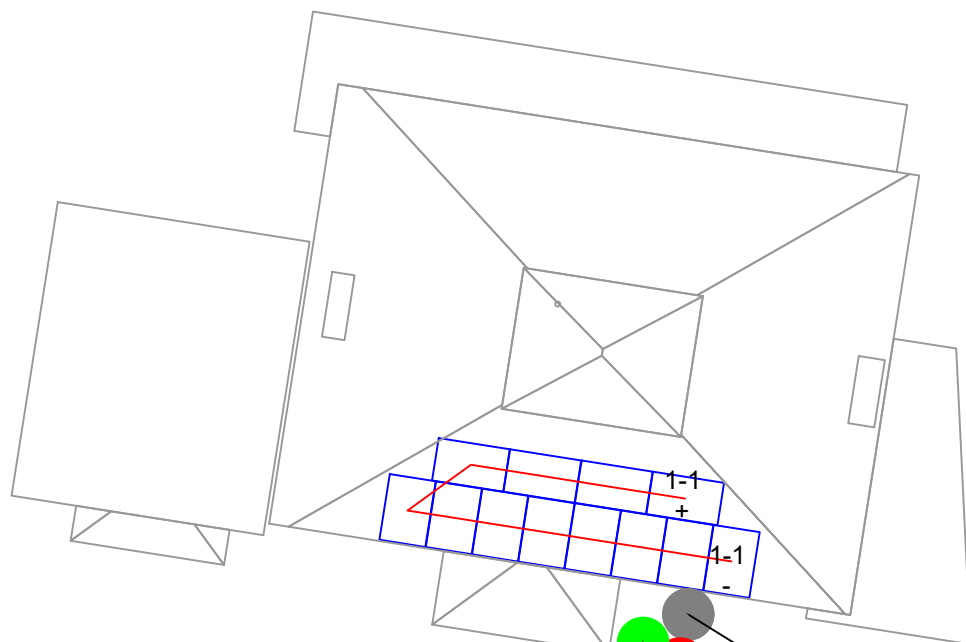
REC 420 Pure-R Module Dimensions:
68.1" x 44" x 30mm

Clamping:
Portrait: 11.4" - 22.4"
Landscape: 7.9" - 11.8"

Row Spacing:
1"

Module Spacing:
3/8"

Note:
Keep array low on roof edge. Fire code dictates a 18" lane at the peak of residential installations.



BOS

	12	REC 420AA Pure-R Modules (REC420AA Pure-R)
	12	Enphase IQ7X Microinverter (IQ7X)
	1	MNSPD-300-AC Lightning Arrestor (MNSPD-300-AC)
	1	DG221URB 30A Disconnect (DG221URB)
	1	GBK5 5-Port Ground Bar Kit (GBK5)
	1	DG030NB Neutral Kit (DG030NB)
	1	Milbank U1773 Meter Bank (U1773-XL-TG-KK)
	1	Milbank Cover
	3	Polaris Lugs
	2	5/8" Ground Rods (GR 5/8)
	2	Acorn Nuts (17680)
	2	Water Ground Clamps (GR WATER BRONZE)
	1	Enphase combiner (X-IQ-AM1-240-4)
	2	20A Breakers BR220 (BR220)
	1	Soladeck (0799-5G)
	1	Powerline Adapter
	90'	3/4" EMT Conduit
	20'	2" EMT Conduit
	8	Trunk Portrait (Q-12-10-240)
	4	Trunk Landscape (Q-12-20-200)
	10'	Trunk Raw (Q-12-RAW-300)
	90' BR 20' W 110' G#10 THWN wire	
	20' BRW	3/0 THWN wire
	2	Split Bolt
	50'	CAT6 Data Line (CAT6R BLUE)
	1	Arch Yard Sign
	1	One Line Canister

Racking

	9	Aire A1 Rail (AE-A1-170B)
	7	Rail Splice (AE-A1TIE-01-M1)
	35	HUG Foot (QM-HUG-01-B1)
	35	Dock Bolt (AE-DOCK-01-B1)
	2	Ground Lug (AE-LUG-01-M1)
	28	Mid Clamp (AE-MID-01-B1)
	8	30mm End Clamp (AE-END-01-B1)
	8	End Cap (AE-A1CAP-01-B1)
	36	Ironridge Clip (AE-CLIP-01-B1)
	12	Micro Inverter Bolt (AE-MLPE-01-M1)
	1	3 Hole Cord Grip
	2	UF Cord Grip (Q-CONN-10F)
	1	UM Cord Grip (Q-CONN-10M)
	1	Terminator (Q-Term-10)
	3	Solar Seal 900
	2	Vulkem (VULKEM)

Order Items

	1	30A Breaker QP230 (QP230)
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**Boucher- 5.04 kWdc,
3.78 kWac, Milwaukee**

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State: WI
Zip Code: 53208
Contact: David Boucher
Phone: (414) 517-4348
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Project Number: System Size:
23R-197 5.04 kWdc

Designer: 920 838 6610

Mike Gietman

Array Details

Revision: 1 Date: 12.5.23

Page A.3