SOLAR INDIVIDUAL PERMIT PACKAGE

EDWARD JARAMILLO/ROSA JARAMILLO

6.80 kW GRID TIED PHOTOVOLTAIC SYSTEM

6312756594 31 TYLERSTONE DR FUQUAY VARINA, NORTH CAROLINA 27526

> **AHJ: HARNETT COUNTY** UTILITY: DUKE ENERGY CAROLINAS, LLC

SHEET INDEX **JOB NOTES**

SCOPE OF WORK

- (N) 6.800 kW PHOTOVOLTAIC SYSTEM
- (16) 425W (Model SPR-M-425-H-AC) PV MODULES
- POINT OF INTERCONNECTION AT MAIN SERVICE PANEL WITH CIRCUIT BREAKER

CODE INFORMATION

APPLICABLE CODES, LAWS AND REGULATIONS

2018 NORTH CAROLINA BUILDING CODE (NCBC) 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)

2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2018 INTERNATIONAL MECHANICAL CODE (IMC) 2018 INTERNATIONAL FUEL GAS CODE (IFGC)

2017 NATIONAL ELECTRIC CODE (NEC) 2018 NORTH CAROLINA FIRE PREVENTION CODE (NCFPC)

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SATELLITE IMAGE

PROJECT LOCATION





PV SOLAR ARCHITECTURAL DRAWINGS

COVER SHEET ARRAY LAYOUT PVA-1 PVA-2 LOT DIAGRAM

PV SOLAR STRUCTURAL DRAWINGS

MOUNTING DETAILS

PV SOLAR ELECTRICAL DRAWINGS

ELECTRICAL SINGLE-LINE DIAGRAM &

SPECIFICATIONS

ELECTRICAL CALCULATION

PVE-3 **ELECTRICAL DATA & SPECIFICATIONS EQUINOX GROUNDING DETAILS**

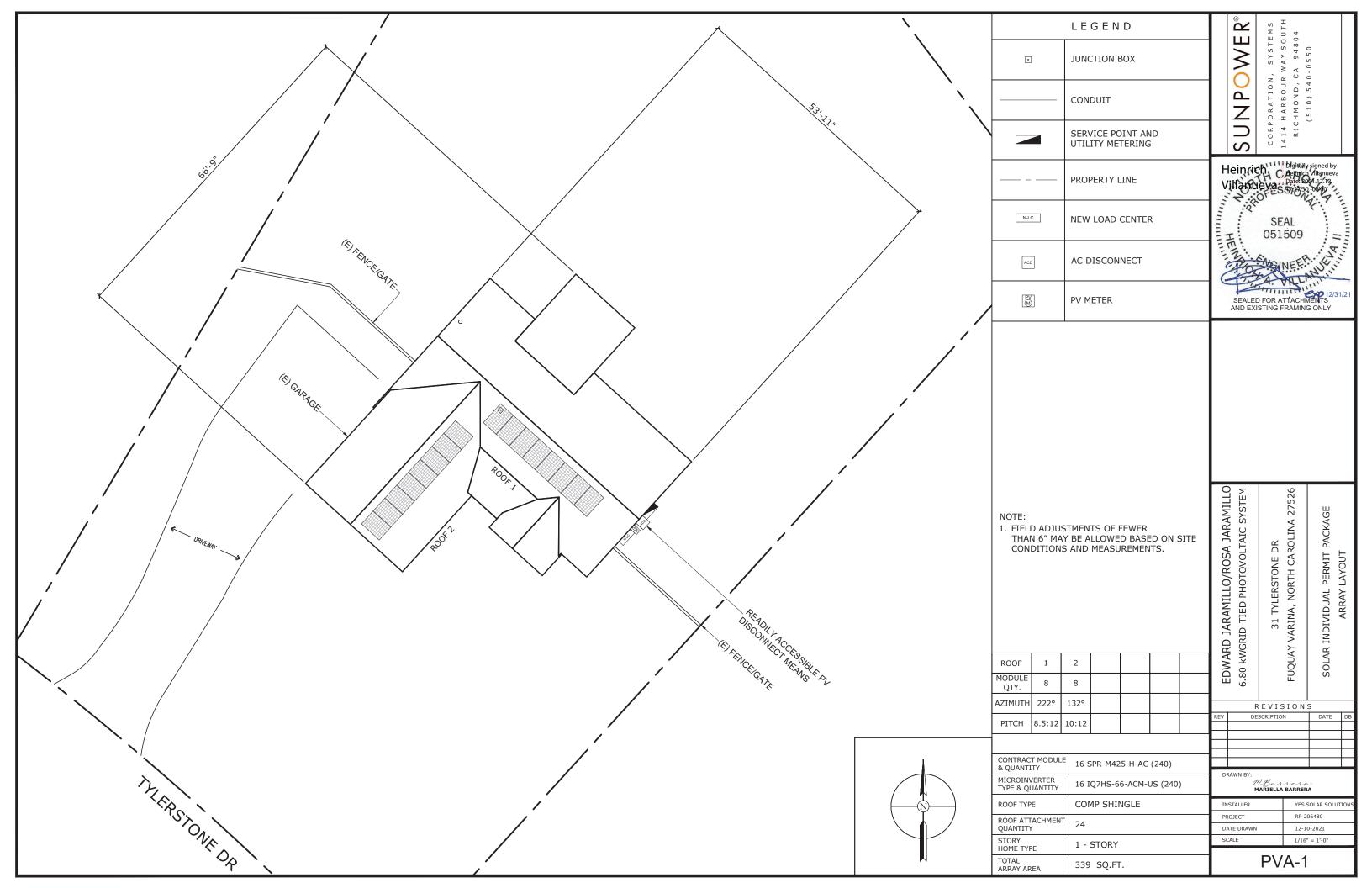
PVE-5 **BRANCH DIAGRAM**

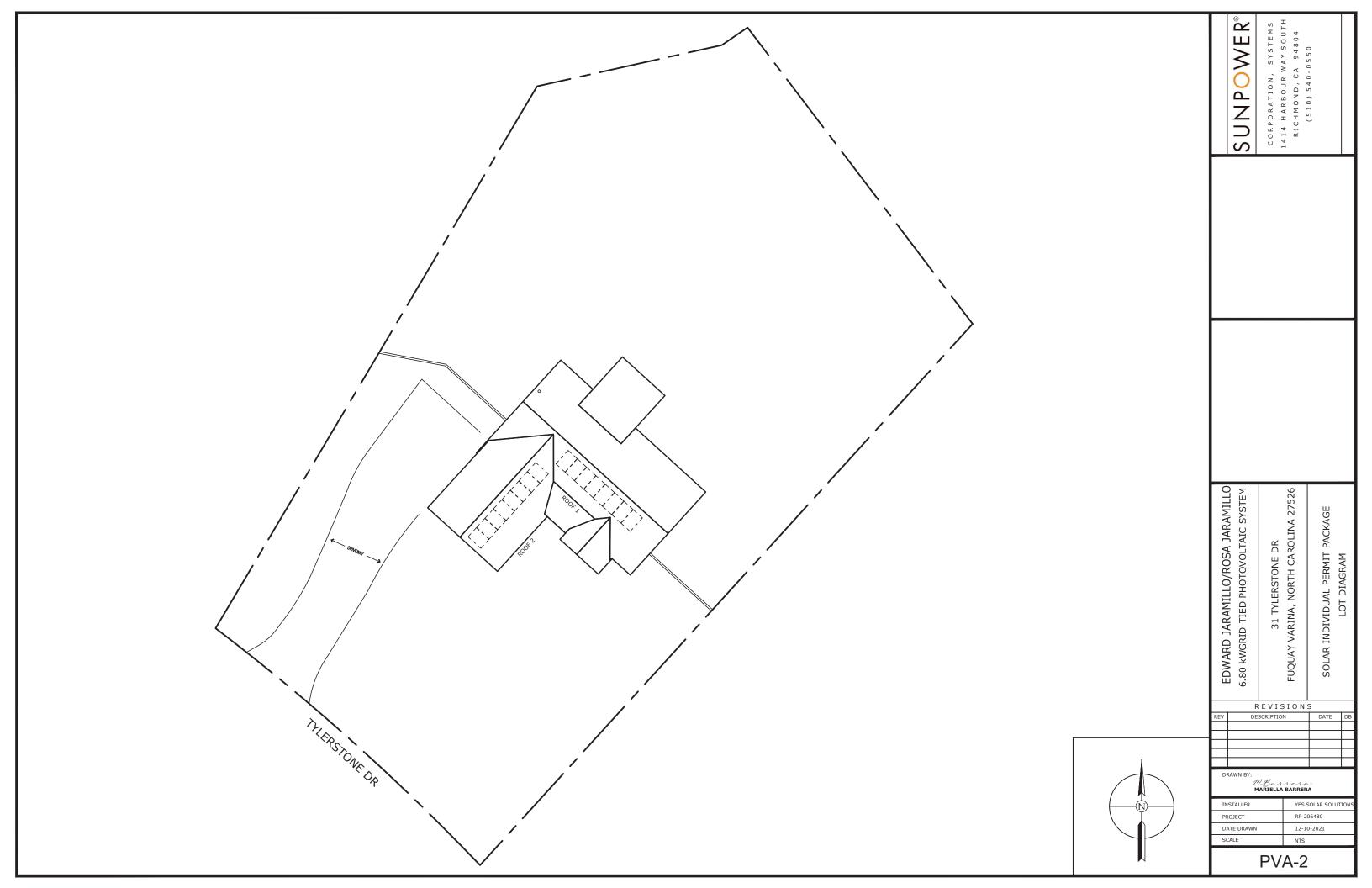
DI	RAWN BY: MBarrera MARIELLA BARRERA	Á	
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INSTALLER	YES SOLAR SOLUTIONS
PROJECT	RP-206480
DATE DRAWN	12-10-2021
SCALE	NTS

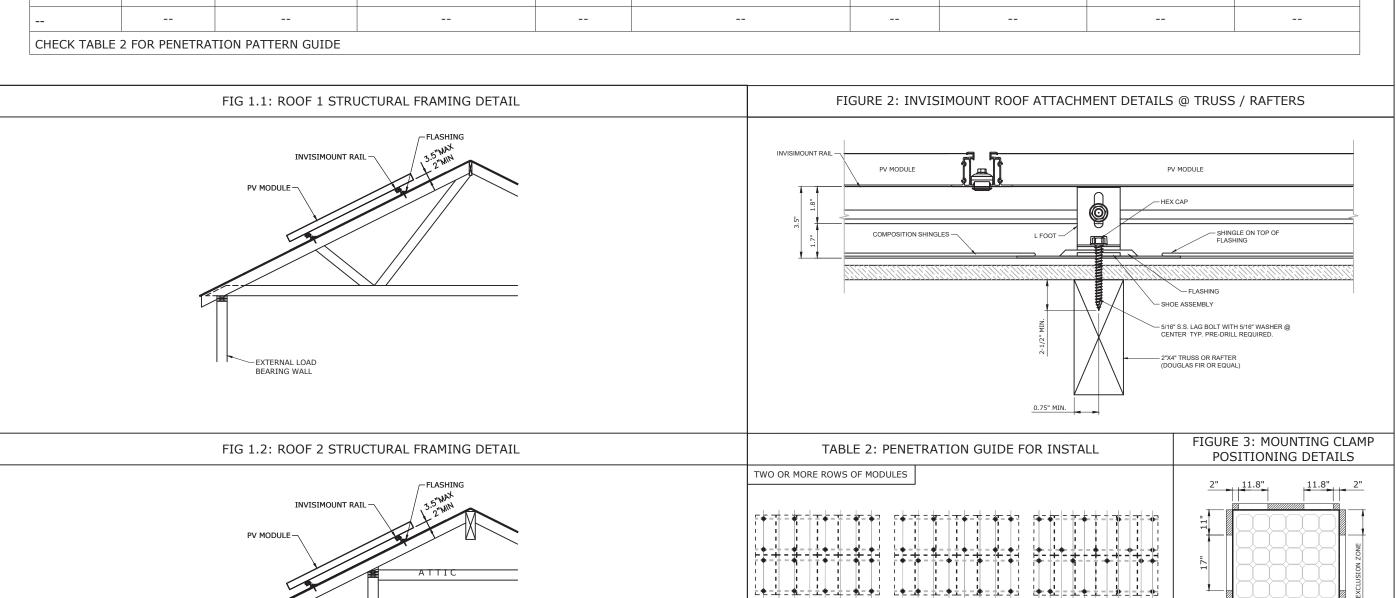
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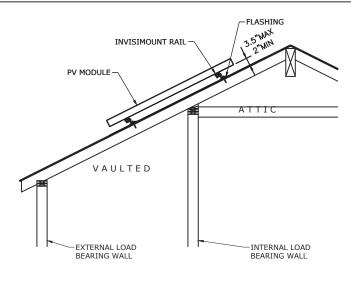
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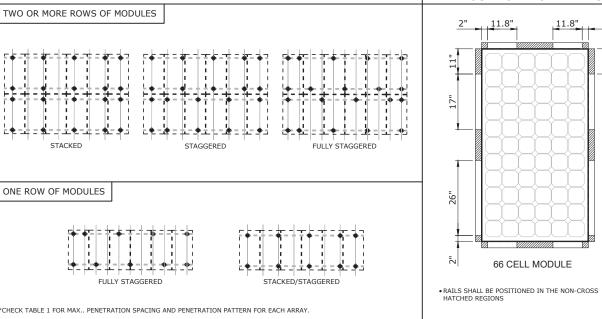


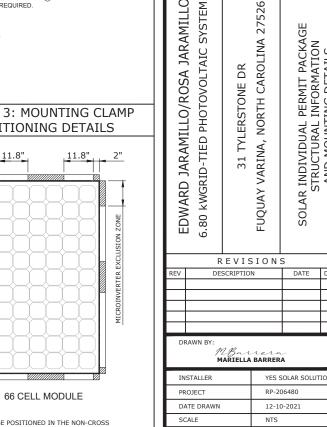


	ROOF PITCH	ROOFING TYPE	ATTACHMENT TYPE	NO. OF STORIES	FRAMING TYPE (in.)	MAX. RAFTER SPAN (ft.)	PENETRATION PATTERN (in.)	MAX. ATTACHMENT SPACING (in.)	MAX. RAIL OVERHANG (in.)
ROOF 1	35°	Comp Shingle	Pegasus L-foot	1	2x4 Truss @ 24" OC	6'	Staggered	72"	24"
ROOF 2	40°	Comp Shingle	Pegasus L-foot	1	2x8 Rafter @ 16" OC	10'	Staggered	64"	22"
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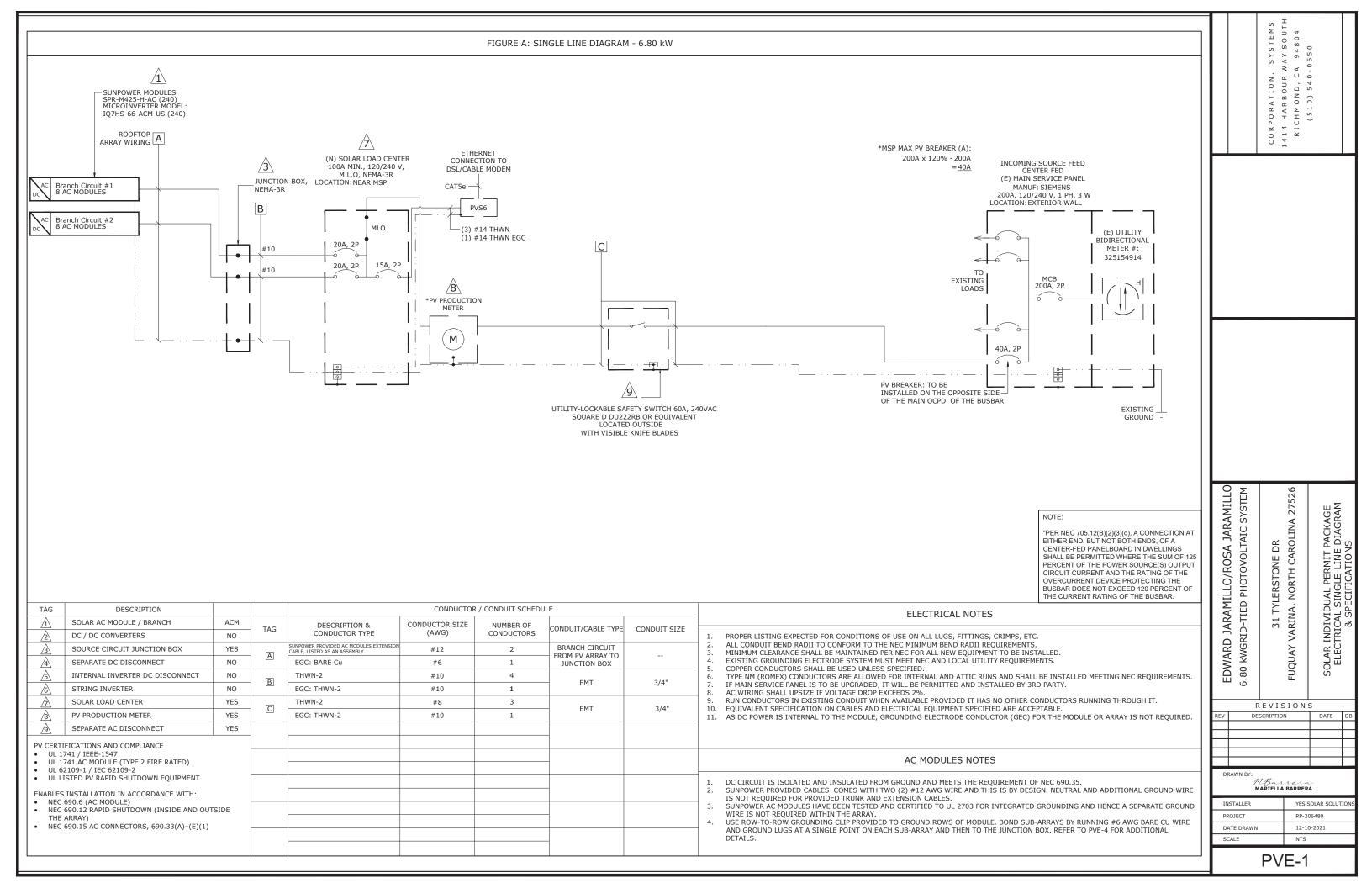
SEAL SEAL

SEALED FOR ATTACHMENTS

SOLAR INDIVIDUAL P STRUCTURAL I AND MOUNTI

PVS-1

AND EXISTING FRAMING ONLY

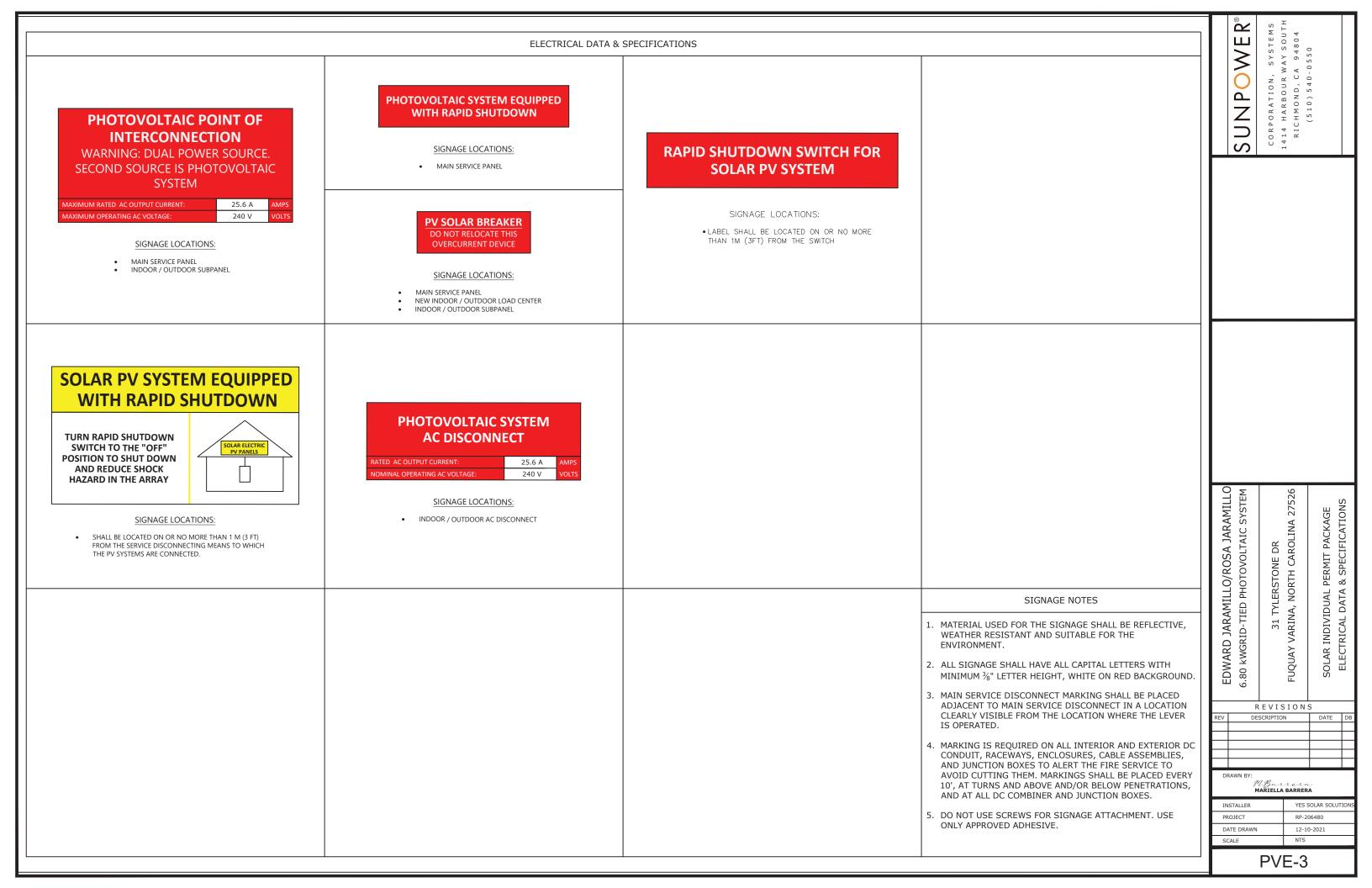


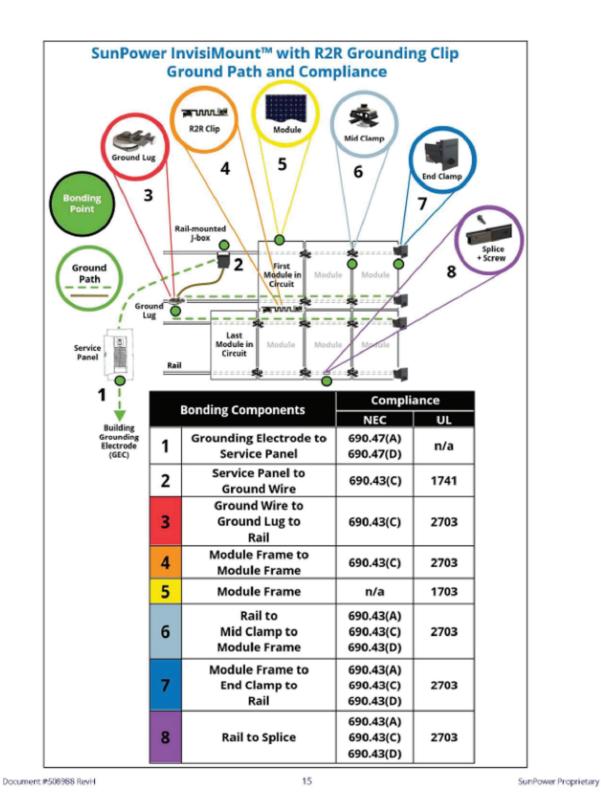
ELECTRICAL CALCULATIONS

SUBPANEL TO GRID-TIE WIRING	#8
VOLTAGE	240 V
SUM OF BRANCHES: I _{OUT TOTAL} =	25.6 A
MINIMUM WIRE AMPACITY: I _{MAX} = IOUT x 1.25	32.00 A
CONDUCTOR DE-RATING	
MAXIMUM AMBIENT TEMPERATURE	36 °C
TEMPERATURE USED FOR AMPACITY DE-RATING	36 °C
TEMPERATURE DE-RATING COEFFICIENT	0.91
FILL DE-RATING COEFFICIENT	1.00
I _{WIREMIN} = I _{MAX} / TEMP_COEFF / FILL_COEFF	35.16 A
WIRE SIZE AMPACITY	55 A
CONDUCTOR SIZE	#8
CONDUCTOR SIZE ADJUSTED FOR VOLTAGE DROP	#8
ONE WAY CIRCUIT LENGTH	10 FT.
VOLTAGE DROP	0.17%
OVERCURRENT PROTECTION	40A, 2P
MINIMUM OCPD = I _{OUT} x 1.25	32.00 A

	BRANCH 1	BRANCH 2
ROOF JCT BOX TO SUBPANEL WIRING	#10	#10
NUMBER OF MODULES	8	8
VOLTAGE	240 V	240 V
RATED AC OUTPUT CURRENT: I _{OUT} =	12.8 A	12.8 A
MINIMUM WIRE AMPACITY: I _{MAX} = I _{OUT} x 1.25	16.00 A	16.00 A
CONDUCTOR DE-RATING		
MAXIMUM AMBIENT TEMPERATURE	36 °C	36 °C
TEMPERATURE ADDER	22 °C	22 °C
TEMPERATURE USED FOR AMPACITY DE-RATING	58 °C	58 °C
TEMPERATURE DE-RATING COEFFICIENT	0.71	0.71
FILL DE-RATING COEFFICIENT	0.8	0.8
I _{WIREMIN} = I _{MAX} / TEMP_COEFF / FILL_COEFF	28.17 A	28.17 A
WIRE SIZE AMPACITY	40 A	40 A
CONDUCTOR SIZE	#10	#10
CONDUCTOR SIZE ADJUSTED FOR VOLTAGE DROP	#10	#10
ONE WAY CIRCUIT LENGTH	50 FT.	50 FT.
CALCULATED VOLTAGE DROP	0.66%	0.66%
OVERCURRENT PROTECTION	20A, 2P	20A, 2P
MINIMUM OCPD = I _{OUT} x 1.25	16.00 A	16.00 A

	SUNPOWER®	CORPORATION, SYSTEMS 1414 HARBOUR WAY SOUTH RICHMOND, CA 94804	(510) 540-0550
	0 5	9	
	EDWARD JARAMILLO/ROSA JARAMILLO 6.80 kWGRID-TIED PHOTOVOLTAIC SYSTEM	31 TYLERSTONE DR FUQUAY VARINA, NORTH CAROLINA 27526	SOLAR INDIVIDUAL PERMIT PACKAGE ELECTRICAL CALCULATION
		EVISION SCRIPTION	S DATE DB
	DRAWN BY:	1.00	
	INSTALLER	Barrera ARIELLA BARRER	SOLAR SOLUTIONS
	PROJECT DATE DRAWN	RP-2	206480
	SCALE	NTS	
_		PVE-2	<u>)</u>





CAUTION:

POWER TO THIS BUILDING IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH DISCONNECT(S) LOCATED AS SHOWN:

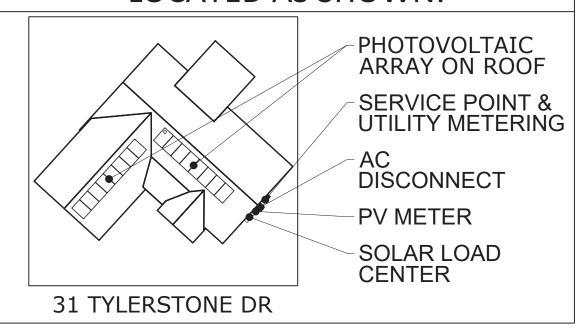


FIGURE 1: SUNPOWER EQUINOX GROUNDING DETAILS

FIGURE 2: PLACARD IDENTIFYING LOCATION OF DISCONNECTS AND POWER SOURCES

CORPORATION, SYSTEMS
414 HARBOUR WAY SOUTH
RICHMOND, CA 94804

6.80 kWGRID-TIED PHOTOVOLTAIC SYSTEM
31 TYLERSTONE DR
FUQUAY VARINA, NORTH CAROLINA 27526
SOLAR INDIVIDUAL PERMIT PACKAGE

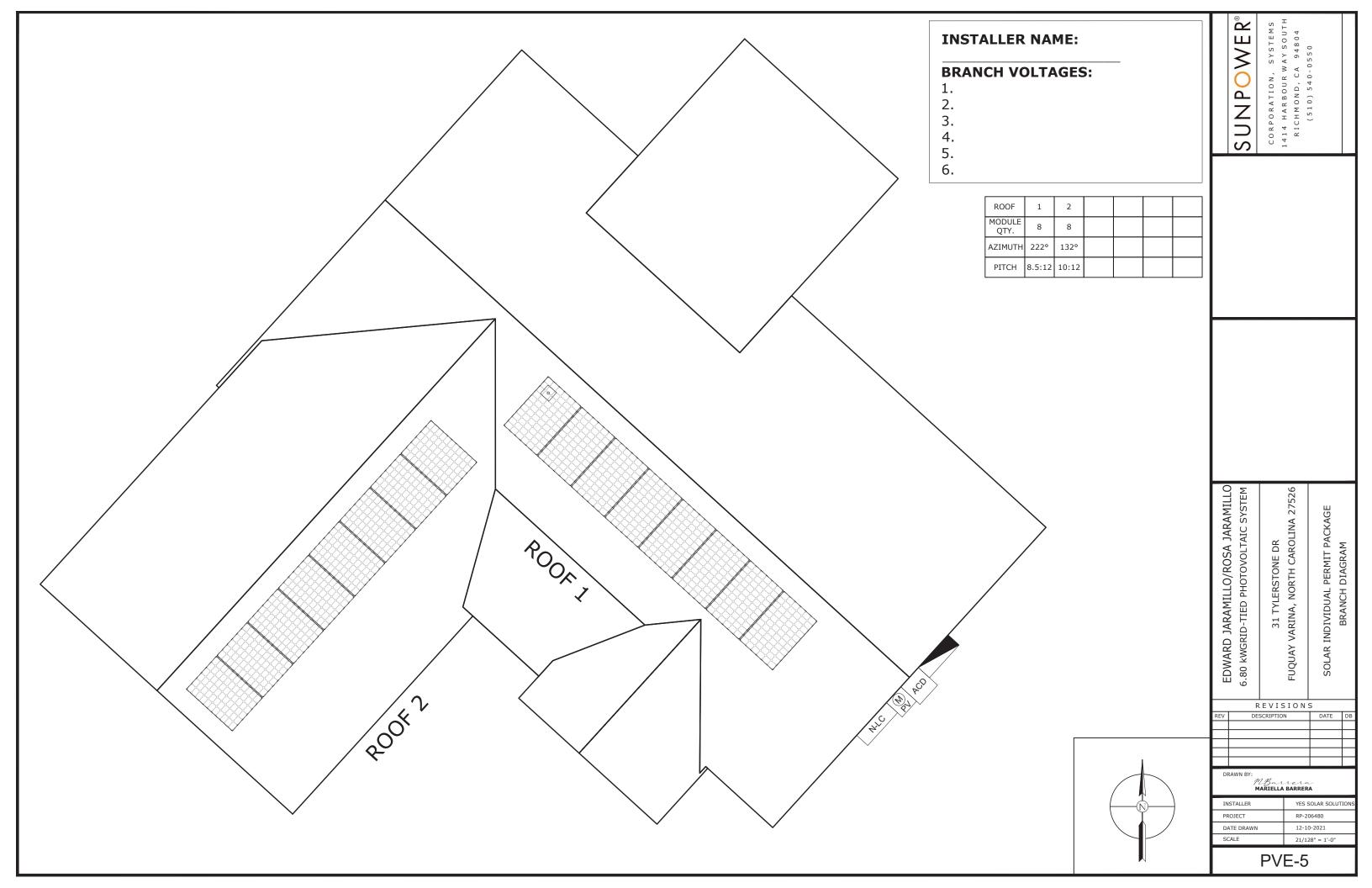
MBarrera
MARIELLA BARRERA

INSTALLER YES SOI

EDWARD

REVISIONS

PVE-4







Preliminary Datasheet

440-420 W Residential AC Module

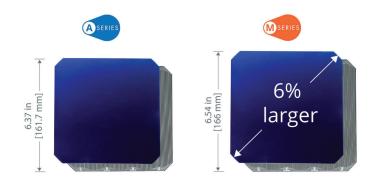
SunPower® Maxeon® Technology

Built specifically for use with the SunPower Equinox™ system, the only fully integrated solution designed, engineered, and warranted by one manufacturer.



Highest Power Density Available.

The Maxeon Gen 6 cell is 6% larger than prior generations, delivering the most powerful cell and highest-efficiency module in residential solar. The result is more power per square meter than any commercially available solar.



Factory-integrated Microinverter (MI)

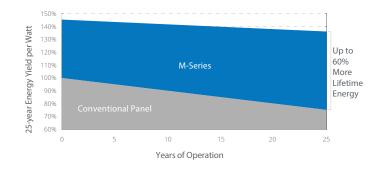
- Highest-power integrated AC module
- 25-Year limited product warranty covered by Enphase
- Engineered and calibrated by Enphase for SunPower AC modules



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Highest Lifetime Energy and Savings.

Designed to deliver 60% more energy over 25 years in real-world conditions like partial shade and high temperatures.¹





Best Reliability. Best Warranty.

With more than 42.6 million and 15 GW modules deployed around the world, SunPower technology is proven to last. That's why we stand behind our module and microinverter with the industry's best 25-year Combined Power and Product Warranty, including the highest Power Warranty in solar.



M-Series: M440 | M435 | M430 | M425 | M420 Maxeon Residential AC Module

	AC Electrical Data	
Inverter Model: Type H (Enphase IQ7HS)	@240 VAC	@208 VAC
Max. Continuous Output Power (VA)	384	369
Nom. (L–L) Voltage/Range ² (V)	240 / 211–264	208 / 183-229
Max. Continuous Output Current (Arms)	1.60	1.77
Max. Units per 20 A (L–L) Branch Circuit ³	10	9
CEC Weighted Efficiency	97.0%	96.5%
Nom. Frequency	6	50 Hz
Extended Frequency Range	47-	-68 Hz
AC Short Circuit Fault Current Over 3 Cycles	4.82	2 A rms
Overvoltage Class AC Port		III
AC Port Backfeed Current	18	8 mA
Power Factor Setting		1.0
Power Factor (adjustable)	0.85 (inductive)) – 0.85 (capacitive)

	D	C Power Da	ata		
	SPR-M440-	SPR-M435-	SPR-M430-	SPR-M425-	SPR-M420-
	H-AC	H-AC	H-AC	H-AC	H-AC
Nom. Power ⁵ (Pnom) W	440	435	430	425	420
Power Tolerance			+5/-0%		
Module Efficiency	22.8%	22.5%	22.3%	22.0%	21.7%
Temp. Coef. (Power)			−0.29%/°C		
Shade Tolerance	Integrated module-level max. power point tracking				

	Tested Operating Conditions	
	Tested Operating Conditions	
Operating Temp.	-40°F to +185°F (-40°C to +85°C)	
Max. Ambient Temp.	122°F (50°C)	
Max. Test Load ⁷	Wind: 125 psf, 6000 Pa, 611 kg/m² back Snow: 187 psf, 9000 Pa, 917 kg/m² front	
Max. Design Load	Wind: 75 psf, 3600 Pa, 367 kg/m² back Snow: 125 psf, 6000 Pa, 611 kg/m² front	
Impact Resistance	1 inch (25 mm) diameter hail at 52 mph (23 m/s)	

	Mechanical Data
Solar Cells	66 Maxeon 6 cells
Front Glass	High-transmission tempered glass with anti-reflective coating
Environmental Rating	Outdoor rated
Frame	Class 1 black anodized (highest AAMA rating)
Weight	48 lbs (21.8 kg)
Recommended Max. Module Spacing	1.3 in. (33 mm)

1 Maxeon 435 W, 22.5% efficient, compared to a Conventional Panel on same-sized arrays (260 W, 16% efficient, approx. 1.6 m²), 7.9% more energy per watt (based on PVSyst pan files for avg. US climate), 0.5%/yr slower degradation rate (Jordan, et. al. "Robust PV Degradation Methodology and Application."

- 2 Based on search of datasheet values from websites of top 10 manufacturers per IHS, as of June 2021. 3 Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018.
- 4 Factory set to 1547a-2014 default settings. CA Rule 21 default settings profile set during
- 5 Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25°C). All DC voltage is fully contained within the module.
- 6 This product is UL Listed as PVRSE and conforms with NEC 2014 and NEC 2017 690.12; and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors; when installed according to manufacturer's instructions.
- 7 Please read the safety and installation instructions for more information regarding load ratings and mounting configurations.

See www.sunpower.com/company for more reference information.

For more details, see extended datasheet: www.sunpower.com/solar-resources.

Specifications included in this datasheet are subject to change without notice.

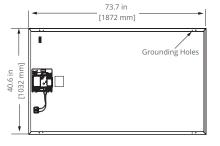
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1-800-SUNPOWER

Warrantie	s, Certifications, and Compliance (Pending)
Warranties	25-year limited power warranty25-year limited product warranty
Certifications and Compliance	• UL 1741 / IEEE-1547 • UL 1741 AC Module (Type 2 fire rated) • UL 62109-1 / IEC 62109-2 • FCC Part 15 Class B • ICES-0003 Class B • CAN/CSA-C22.2 NO. 107.1-01 • CA Rule 21 (UL 1741 SA) ⁴ (includes Volt/Var and Reactive Power Priority) • UL Listed PV Rapid Shutdown Equipment ⁶ Enables installation in accordance with: • NEC 690.6 (AC module) • NEC 690.12 Rapid Shutdown (inside and outside the
	array) • NEC 690.15 AC Connectors, 690.33(A)–(E)(1)
	When used with AC module Q Cables and accessories (UL 6703 and UL 2238) ⁶ : Rated for load break disconnect
PID Test	1000 V: IEC 62804

Packaging Configuration		
Modules per pallet	25	
Packaging box dimensions	1915 x 107 2 x 12 0 mm	
Pallet gross weight	590 kg	
Pallets per container	32	
Net weight per container	18880 kg	





FRAME PROFILE

Preliminary Datasheet

Please read the safety and installation guide.



539973 Rev A / LTR_EN Publication Date: August 2021

Datasheet sunpower.com



COMP MOUNTS











WATERTIGHT FOR LIFE

Pegasus Solar's Comp Mounts are a cost effective, high-quality option for rail installations on composition shingle roofs. Designed to last decades, the one-piece flashing with elevated cone means there is simply nothing to fail.



25-year Warranty

Manufactured with advanced materials and coatings to outlast the roof itself



Superior Waterproofing Tested to AC286 without sealant

0.9" elevated water seal

Code Compliant

Fully IBC/CBC Code Compliant Exceeds ASCE 7-16 Standards

All-In-One Kit Packaging

Flashings, L-Feet and SS lags with bonded EPDM washers are included in each 24-pack

COMP MOUNTS

1. Drill pilot hole in center of rafter.



2. Optional: Apply a "U-shape" of sealant to underside of flashing and postition under 2nd shingle course, cone over pilot hole.

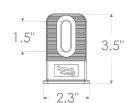


3. Place L-Foot over cone and install lag with washer through L-Foot.

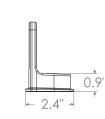


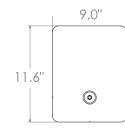
4. Drive lag to required depth. Attach rail per rail manufacturer's instructions.













Specifications	Comp Mount Install Kits				
SKU	PSCR-CBB0	PSCR-UBB0	SPCR-CBBH	PSCR-CMM0	PSCR-UMM0
Finish	Blac	k L-Foot and Black Flashir	ng	Mill L-Foot and	d Mill Flashing
L-Foot Type	Closed Slot	Open Slot	Closed Slot	Closed Slot	Open Slot
Kit Contents	L-Foot, Flashing, 5/16"x 4-1/2" SS Lag with metalized EPDM washer	L-Foot, Flashing, 5/16"x 4-1/2" SS Lag with metalized EPDM washer	L-Foot, Flashing, 5/16"x 4-1/2" SS Lag with metalized EPDM washer and M10 Hex Bolt	L-Foot, Flashing, 5/16"x 4-1/2" SS Lag with metalized EPDM washer	L-Foot, Flashing, 5/16"x 4-1/2" SS Lag with metalized EPDM washer
Roof Type	Composition Shingle				
Certifications		IBC, ASCE/SEI 7-16, AC286			
Install Application	Railed Systems				
Compatible Rail	Most				
Flashing Material	Painted Galvalume Plus Galvalume Plus				
L-Foot Material	Aluminum				
Kit Quantity	24				
	72				



SunPower® InvisiMount™ | Residential Mounting System

Simple and Fast Installation

- Integrated module-to-rail grounding
- Pre-assembled mid and end clamps
- Levitating mid clamp for easy placement
- Mid clamp width facilitates consistent, even module spacing
- UL 2703 Listed integrated grounding

Flexible Design

- Addresses nearly all sloped residential roofs
- Design in landscape and portrait with up to 8' rail span
- Pre-drilled rails and rail splice
- · Rails enable easy obstacle management

Customer-Preferred Aesthetics

- #1 module and #1 mounting aesthetics
- Best-in-class system aesthetics
- Premium, low-profile design
- Black anodized components
- Hidden mid clamps and capped, flush end clamps

Part of Superior System

- Built for use with SunPower DC and AC modules
- Best-in-class system reliability and aesthetics
- New optional rooftop transition flashing, railmounted J-box, and wire management rail clips
- Combine with SunPower modules and SunPower EnergyLink® monitoring app





Elegant Simplicity

SunPower® InvisiMount™ is a SunPower-designed rail-based mounting system. The InvisiMount system addresses residential sloped roofs and combines faster installation time, design flexibility, and superior aesthetics. The InvisiMount product was specifically envisioned and engineered to pair with SunPower modules. The resulting system-level approach amplifies the aesthetic and installation benefits—for homeowners and for installers.

sunpower.com



SunPower® InvisiMount™ | Residential Mounting System

InvisiMount Component

Module¹ / Mid Clamp and Rail



End Clamp



Mid Clamn







InvisiMount Component Details			ls
	Mid clamp	Black oxide stainless steel 300 series	63 g (2.2 oz)
	End clamp	Black anodized aluminum 6000 series	110 g (3.88 oz)
	Rail	Black anodized aluminum 6000 series	830 g/m (9 oz/ft)
	Rail splice	Aluminum alloy 6000 series	830 g/m (9 oz/ft)
	Rail bolt	M10-1.5 × 25 mm; DIN 933 SS304	nominal
	Rail nut	M10-1.5; DIN 6923 SS304	nominal
	Ground lug assembly	SS304; A2-70 bolt; tin-plated copper lug	106.5 g/m (3.75 oz)

InvisiMount Component LRFD Capacities ²		
Miel ele en	Uplift	664 lbf
Mid clamp	Shear	540 lbf
End clamp	Uplift	899 lbf
End clamp	Shear	220 lbf
Deil	Moment: upward	548 lbf-ft
Rail	Moment: downward	580 lbf-ft
Dail colice	Moment: upward	548 lbf-ft
Rail splice	Moment: downward	580 lbf-ft
L-foot	Uplift	1000 lbf
L-100t	Shear	390 lbf

InvisiMount Operating Conditions		
Temperature	-40° C to 90° C (-40° F to 194° F)	
Max. Load (LRFD)	3000 Pa uplift 6000 Pa downforce	

Roof Attachment Hardware Supported by Design Tool		
Application	Composition Shingle Rafter Attachment Composition Shingle Roof Decking Attachment Curved and Flat Tile Roof Attachment Universal interface for other roof attachments	

InvisiMount Warranties And Certifications		
Warranties	· 25-year product warranty	
warranties	• 5-year finish warranty	
Certifications	· UL 2703 Listed	
Certifications	· Class A Fire Rated	

ROOI ALLACTITIETIL HATUWATE WATTAITLIES

Refer to roof attachment hardware manufacturer's documentation.

² SunPower recommends that all Equinox[™], InvisiMount[™], and AC module systems always be designed using the SunPower Design Tool. If a designer decides to instead use the component capacities listed in this document to design a system, note that the capacities shown are Load and Resistance Factor Design (LRFD) design loads, and are NOT to be used for Allowable Stress Design (ASD) calculations; and that a licensed Professional Engineer (PE) must then stamp all calculations. Should you have any questions please contact SunPower Technical Support at 1-800-SUNPOWER (1-800-786-7693).

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sunpower.com 509506 RevF







SunPower® Monitoring | Residential SunPower PV Supervisor

Improve Support, Reduce Costs

An intuitive monitoring website enables you to:

- See a visual map of customer sites
- Remotely manage hundreds of sites
- Remotely diagnose and troubleshoot system issues
- Drill down for the status of individual devices

Add Value for Customers

With mySunPower™ monitoring customers can:

- Track their energy production by day, month, year and in different weather conditions
- See their energy use and estimated bill savings
- Maximize their savings with automatic system alerts and tips
- Customize storage settings and easily monitor and track available battery power
- Receive elective system reports

SunPower® Monitoring— Plug-and-Play Installation

This complete solution for residential monitoring and control includes the SunPower® PV Supervisor (PVS) which improves the installation process, overall system reliability, and customer experience:

- Compact footprint for improved aesthetics
- Robust cloud connectivity and comprehensive local connectivity
- Flexible configuration of devices during installation
- Consumption metering
- Revenue-quality production metering
- Web-based commissioning
- Remote diagnostics of PVS and inverters
- Durable UL Type 3R enclosure helps reduce maintenance costs
- Easy integration with SunPower eBOS

Robust Cloud Connectivity

Multiple options to maintain optimal connectivity:

- Hardwired Ethernet
- WiFi
- Cellular backup







	Site Requirements		
Number of modules supported per PVS	• 85 (SunPower AC modules)		
Internet access	High-speed internet access via accessible router or switch		
Power	• 100–240 VAC (L–N), 50 or 60 Hz • 208 VAC (L–L in phase 3), 60 Hz		

Mechanical	
Weight	• 5.5 lb (2.5 kg)
Dimensions	• 11.8 × 8.0 × 4.2 in. (30.5 × 20.5 × 10.8 cm)
Enclosure rating	• UL 50E Type 3R

Operating Conditions	
Temperature	• -22°F to +140°F (-30°C to +60°C)
Humidity (max.)	• 95%, non-condensing

Wa	rranty and Certifications
Warranty	• 10-year Limited Warranty
Certifications	• UL, cUL, CE, UL 61010-1 and -2, FCC Part 15 (Class B)

Communication		
RS-485	 Supports string inverters, external meters, and other auxiliary devices 	
Integrated metering	One channel of revenue-quality production metering Two channels of consumption metering	
Ethernet	• 1 LAN (or optional WAN) port	
PLC	Supports SunPower AC modules	
WiFi	• 802.11b/g/n 2.4 GHz and 5 GHz	
Cellular	• LTE Cat-M1/3G UMTS	
ZigBee	• IEEE 802.15.4 MAC, 2.4 GHz ISM band	
Data storage	• 60 days	
Upgrades	Automatic firmware upgrades	

Web and Mobile Device Support		
Customer site • mysunpower.com		
Partner site	• monitor.sunpower.com	
Browsers	Firefox, Safari, and Chrome	
Mobile devices	• iPhone®, iPad®, and Android™	
Customer app	 Create account online at mysunpower.com On a mobile device, download the SunPower Monitoring app from Apple App Store or Google Play™ Store Sign in using account email and password 	





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Product data sheet Characteristics

DU222RB

Safety switch, general duty, non fusible, 60A, 2 poles, 10 hp, 240 VAC, NEMA 3R, bolt-on provision

Product availability: Stock - Normally stocked in distribution facility





Price*: 353.00 USD



Main

IVIAIII	
Product	Single Throw Safety Switch
Current Rating	60 A
Certifications	UL listed file E2875
Enclosure Rating	NEMA 3R
Disconnect Type	Non-fusible disconnect switch
Factory Installed Neutral	None
Mounting Type	Surface
Number of Poles	2
Electrical Connection	Lugs
Duty Rating	General duty
Voltage Rating	240 V AC
Wire Size	AWG 12AWG 3 aluminium AWG 14AWG 3 copper

Complementary

Short-circuit withstand	200 kA	
Maximum Horse Power Rating	10 hp 240 V AC 60 Hz 1 phase NEC 430.52	
Tightening torque	35 lbf.in (3.95 N.m) 0.000.01 in² (2.085.26 mm²) AWG 14AWG 10) 35 lbf.in (3.95 N.m) AWG 14AWG 10) 45 lbf.in (5.08 N.m) 0.01 in² (8.37 mm²) AWG 8) 45 lbf.in (5.08 N.m) 0.020.03 in² (12.321.12 mm²) AWG 6AWG 4) 50 lbf.in (5.65 N.m) 0.04 in² (26.67 mm²) AWG 3)	
Height	9.63 in (244.60 mm)	
Width	7.75 in (196.85 mm)	
Maximum Depth	3.75 in (95.25 mm)	

^{*} Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price

Mar 28, 2021

Life Is On Schneider
Electric

Product Data Sheet

D222NRB

Safety Switch, 60A, Fusible, Cartridge (Class H, K or R), 2-Pole



SQUARE D

by Schneider Electric

List Price \$326.00 USD

Availability Stock Item: This item is normally stocked in our distribution facility.

Technical Characteristics

recillical ollaracteristics	
Terminal Type	Lugs
Type of Duty	General Duty
Maximum Voltage Rating	240VAC
Wire Size	#10 to #2 AWG(AI) - #14 to #2 AWG(Cu)
Depth	4.83 Inches
Height	14.88 Inches
Width	6.63 Inches
Action	Single Throw
Ampere Rating	60A
Approvals	UL Listed File: E2875
Enclosure Rating	NEMA 3R
Enclosure Type	Rainproof and Sleet/Ice proof (Indoor/Outdoor)
Enclosure Material	Galvannealed Steel
Factory Installed Neutral	Yes
Fuse Type	Cartridge (Class H, K or R)
Disconnect Type	Fusible
Short Circuit Current Rating	100kA (max. depending on fuse type)
Mounting Type	Surface
Number of Poles	2-Pole

Shipping and Ordering

Category	00106 - Safety Switch, General Duty, 30 - 200 Amp, NEMA3R
Discount Schedule	DE1A
GTIN	00785901460640
Package Quantity	1
Weight	8.35 lbs.
Availability Code	Stock Item: This item is normally stocked in our distribution facility.
Returnability	Υ
Country of Origin	US

As standards, specifications, and designs change from time to time, please ask for confirmation of the information given in this document.

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