

PALMETTO

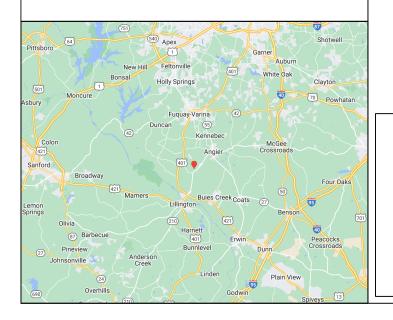
+1 843-720-1844 997 MORRISON DR SUITE #200, CHARLESTON, SC 29403, USA

Need on-site installation support?

Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com

David C. Hernandez Digitally signed by David C. Hernandez Date: 2023.05.24 14:43:39 -04:00





RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEM 191 CHEDWORTH DR ANGIER, NC 27501

8.910 kW DC-STC / 7.600 kW AC 24/MAY/23





SYSTEM SPECIFICATIONS

SYSTEM SIZE: 8.910 kW

MODULE: VSUN 405-108BMH 405W

NUMBER OF PANELS: 22

INVERTER: SE7600H-US (240V)

OPTIMIZER: S440

RACKING SYSTEM: IRONRIDGE XR-10-168M

AHJ: HARNETT COUNTY, NC

UTILITY: DUKE ENERGY PROGRESS (DEP) (NC)

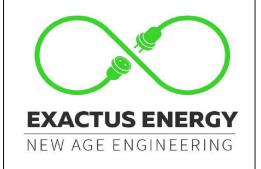
GOVERNING CODE:

2018 NORTH CAROLINA STATE BUILDING CODE

2018 NC RESIDENTIAL FOR ONE AND TWO FAMILY DWELLING

2018 NC FIRE PREVENTION CODE

NEC 2017



+1 833 392 2887 208-888 DUPONT STREET TORONTO, ON

SHEET INDEX

C1 - COVER PAGE

N1 - GENERAL NOTES

G1 - SITE PLAN

G2 - PANEL LAYOUT

G3 - MOUNTING DETAIL

E1 - LINE DIAGRAM

E2 - WARNING LABELS

E3 - PLACARD

A1 - PANEL SPECIFICATIONS

A2 - RACKING SPECIFICATIONS

A3 - BONDING AND GROUNDING SPECIFICATIONS

A4 - MOUNTING SPECIFICATIONS

A5 - INVERTER SPECIFICATIONS

A6 - OPTIMIZER SPECIFICATIONS

C1 - COVER PAGE

GENERAL NOTES:

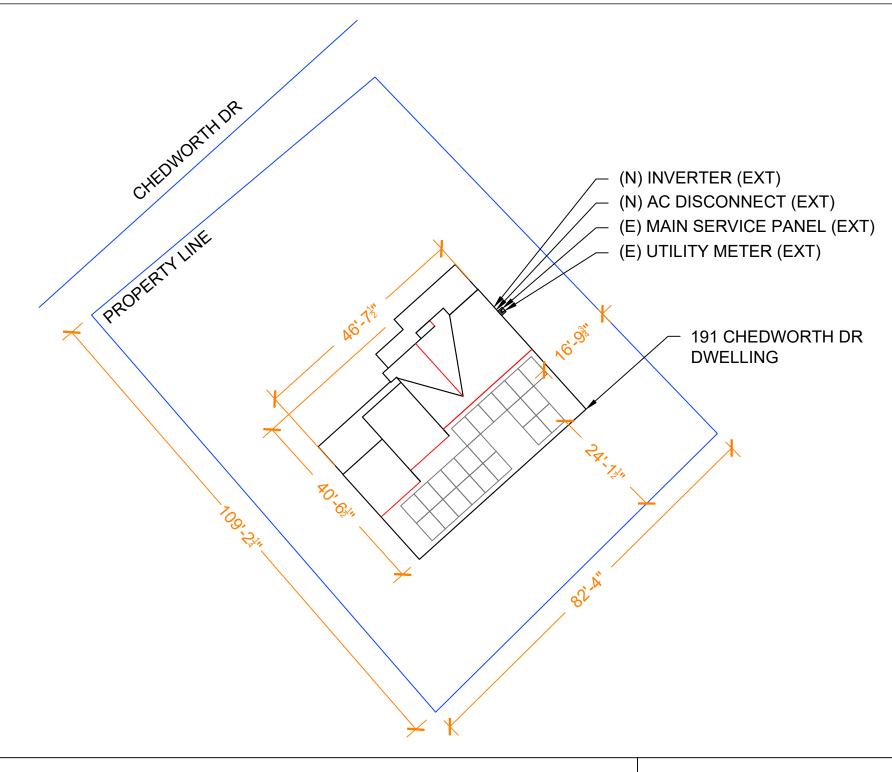
THE INSTALLATION OF PV SYSTEM SHALL BE IN ACCORDANCE WITH THE MOST RECENT NATIONAL ELECTRICAL AND BUILDING CODES AND STANDARDS, AS AMENDED BY JURISDICTION

- PV SYSTEMS SHALL BE PERMITTED TO SUPPLY A BUILDING OR OTHER STRUCTURE IN ADDITION TO ANY OTHER ELECTRICAL SUPPLY SYSTEM(S) [NEC 690.4(A)]
- THE INSTALLATION OF EQUIPMENT AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE PERFORMED ONLY BY QUALIFIED PERSONS [NEC 690.4(C)]
- EXISTING PLUMBING VENTS, SKYLIGHTS, EXHAUST OUTLETS, VENTILATIONS INTAKE AIR OPENINGS SHALL NOT BE COVERED BY THE SOLAR PHOTOVOLTAIC SYSTEM
- INVERTERS, MOTOR GENERATORS, PHOTOVOLTAIC MODULES, PHOTOVOLTAIC PANELS, AC PHOTOVOLTAIC MODULES, SOURCE-CIRCUIT COMBINERS, AND CHARGE CONTROLLERS INTENDED FOR USE IN PV SYSTEMS SHALL BE LISTED OR FIELD LABELED FOR THE PV APPLICATION [NEC 690.4(B)]
- ALL OUTDOOR EQUIPMENT SHALL BE NEMA 3R RATED (OR BETTER), INCLUDING ALL ROOF MOUNTED TRANSITION BOXES AND SWITCHES.
- ALL EQUIPMENT SHALL BE PROPERLY GROUNDED AND BONDED IN ACCORDANCE WITH NEC ARTICLE 250.
- SYSTEM GROUNDING SHALL BE IN ACCORDANCE WITH NEC 690.41
- FOR PV MODULES, EQUIPMENT GROUNDING CONDUCTORS SMALLER THAN 6AWG SHALL COMPLY WITH NEC 250.12(C) [NEC 690.46]
- ALL PV SYSTEM DC CIRCUIT AND INVERTER OUTPUT CONDUCTORS AND EQUIPMENT SHALL BE PROTECTED AGAINST OVERCURRENT UNLESS STATED OTHERWISE IN NEC 690.9(A)
- OVERCURRENT DEVICES USED IN PV SYSTEM DC CIRCUITS SHALL BE LISTED FOR USE IN PV SYSTEMS [NEC 690.9(B)]
- PV SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION IN ACCORDANCE WITH NEC 690.12
- DISCONNECTING MEANS SHALL BE LOCATED IN A VISIBLE, READILY ACCESSIBLE LOCATION OR A MAXIMUM OF 10 FEET AWAY FROM THE SYSTEM [NEC 690.13(A)]
- ALL WIRING METHODS SHALL BE IN ACCORDANCE WITH NEC 690.31
- CONNECTORS SHALL REQUIRE A TOOL TO OPEN AND BE MARKED "DO NOT DISCONNECT UNDER LOAD" OR "NOT FOR CURRENT INTERRUPTING". [NEC 690.33(E)]
- ALL GROUNDED CONDUCTORS SHALL BE PROPERLY COLOR IDENTIFIED AS WHITE. [NEC 200.6]
- PV SYSTEM CONNECTED ON THE LOAD SIDE OF THE SERVICE DISCONNECTING MEANS OF THE OTHER SOURCE(S) AT ANY DISTRIBUTION EQUIPMENT ON THE PREMISES SHALL MEET THE FOLLOWING [NEC 705.12(B)]:
- 1. EACH SOURCE CONNECTION SHALL BE MADE AT A DEDICATED CIRCUIT BREAKER OF FUSIBLE DISCONNECTING MEANS. [NEC 705.12(B)(1)]
- 2. 125 PERCENT OF THE POWER SOURCE OUTPUT CIRCUIT CURRENT SHALL BE USED IN AMPACITY CALCULATIONS. [NEC 705.12(B)(2)]
- 3. EQUIPMENT CONTAINING OVERCURRENT DEVICES IN CIRCUITS SUPPLYING POWER TO A BUS BAR OR CONDUCTOR SHALL BE MARKED TO INDICATE THE PRESENCE OF ALL SOURCES. INEC 705.12(B)(3)]
- 4. CIRCUIT BREAKER, IF BACK FED, SHALL BE SUITABLE FOR SUCH OPERATION [NEC 705.12(B)(4)]

- WHEN A BACKFED BREAKER IS THE METHOD OF UTILITY INTERCONNECTION, THE BREAKER SHALL BE INSTALLED AT THE OPPOSITE END OF THE BUS BAR OF THE MAIN BREAKER.
- TO REDUCE FIRE HAZARDS, DC PV SYSTEMS WILL BE EQUIPPED WITH A GROUND FAULT PROTECTION SYSTEM IN ACCORDANCE WITH NEC 690.41(B)
- WHERE GROUND-FAULT PROTECTION IS USED, THE OUTPUT OF AN INTERACTIVE SYSTEM SHALL BE CONNECTED TO THE SUPPLY SIDE OF THE GROUND FAULT PROTECTION [NEC 705.32]
- ALL PLAQUES AND SIGNAGE REQUIRED BY THE LATEST EDITION OF NATIONAL ELECTRICAL CODE. LABEL SHALL BE METALLIC OR PLASTIC, ENGRAVED OR MACHINE PRINTED IN A CONTRASTING COLOR TO THE PLAQUE. PLAQUE SHALL BE UV RESISTANT IF EXPOSED TO SUNLIGHT
- ALL THE NEC REQUIRED WARNING SIGNS, MARKINGS, AND LABELS SHALL BE POSTED ON EQUIPMENT AND DISCONNECTS PRIOR TO ANY INSPECTIONS TO BE PERFORMED BY THE BUILDING DEPARTMENT.
- CONNECTORS SHALL BE OF LATCHING OR LOCKING TYPE. CONNECTORS THAT ARE READILY ACCESSIBLE AND OPERATING AT OVER 30 VOLTS SHALL REQUIRE TOOL TO OPEN AND MARKED "DO NOT DISCONNECT UNDER LOAD" OR "NOT FOR CURRENT INTERRUPTING". [NEC 690.33(C) & (E)(2)]
- FLEXIBLE, FINE-STRANDED CABLES SHALL BE TERMINATED ONLY WITH TERMINALS, LUGS, DEVICES, OR CONNECTORS IN ACCORDANCE WITH NEC 110.14
- WORK CLEARANCES AROUND ELECTRICAL EQUIPMENT WILL BE MAINTAINED PER NEC 110.26(A)(1), 110.26(A)(2) AND 110.26(A)(3)
- ALL EXTERIOR CONDUITS, FITTINGS AND BOXES SHALL BE RAIN-TIGHT AND APPROVED FOR USE IN WET LOCATIONS PER NEC 314.15.
- ROOFTOP MOUNTED PHOTOVOLTAIC PANELS AND MODULES SHALL BE TESTED, LISTED & IDENTIFIED IN ACCORDANCE WITH UL1703
- EACH MODULE TO BE GROUNDED USING THE SUPPLIED CONNECTION POINT PER MANUFACTURER'S REQUIREMENTS. ALL SOLAR MODULES, EQUIPMENT, AND METALLIC COMPONENTS ARE TO BE BONDED. IF THE EXISTING GROUNDING ELECTRODE SYSTEM CAN NOT BE VERIFIED OR IS ONLY METALLIC WATER PIPING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL A SUPPLEMENTAL GROUNDING ELECTRODE.
- DC CONDUCTORS SHALL BE RUN IN EMT AND SHALL BE LABELED "CAUTION DC CIRCUIT" OR EQUIV. EVERY 5 FT
- CONFIRM LINE SIDE VOLTAGE AT ELECTRIC UTILITY SERVICE PRIOR TO CONNECTING INVERTER. VERIFY SERVICE VOLTAGE IS WITHIN INVERTER VOLTAGE OPERATIONAL RANGE.
- SERVING UTILITY TO BE NOTIFIED BEFORE ACTIVATION OF PV SYSTEM.
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT EXPANSION JOINTS AND ANCHOR CONDUIT RUNS AS REQUIRED PER NEC.
- THE HOMEOWNER IS RESPONSIBLE FOR ENSURING ALL EQUIPMENT OUTSIDE THE SCOPE OF WORK IS NEC COMPLIANT.







SCALE: 1"=20'

NOTES:

- SCALE AS SHOWN
- ALL DIMENSIONS IN FEET UNLESS OTHERWISE STATED

SAFETY PLAN:

- INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME
- INSTALLERS SHALL UPDATE NAME, ADDRESS, AND PHONE NUMBER OF NEAREST URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK

NEAREST URGENT CARE FACILITY

NAME:

ADDRESS:

PHONE NUMBER:



PALMETTO
PHONE: +1 843-720-1844
WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC AUTHOR: EE

DATE: 24/MAY/23 REV: A Need on-site installation support?
Palmetto Installation Hotline
Call or Text: 1-843-258-5389
InstallHotline@Palmetto.com

G1 - SITE PLAN





LEGEND

M METER

O PVC VENT

METAL VENT

STRUCTURAL DELIMITER

SERVICE MAST

SATELLITE

ANTENNA

MOUNT RAIL

CHIMNEY

SNOW GUARD

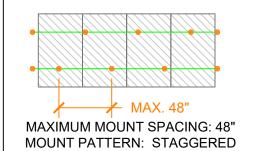
DOWNSPOUT

TOP CHORD

	SITE INFORMATION											
ARRAY	AZIMUTH	PITCH	NO. OF PANELS	ARRAY AREA (SQ. FT.)	ROOF TYPE	ATTACHMENT	FRAME SIZE & FRAME TYPE	FRAME SPACING	MAX ATTACHMENT SPAN	OVERHANG		
ROOF 1	138°	30°	22	462.50	SHINGLE	QUICK MOUNT L-MOUNT	2" X 4" PRE FABRICATED TRUSSES	2'-0"	4'-0"	1'-4"		

	PANE	ELS DATA
3	PANEL TYPE	VSUN 405-108BMH 405 W
	NO. OF PANELS	22
	PANEL SIZE	67.80" X 44.65"
	PANEL WEIGHT (LBS)	47.18
	PANEL AREA (FT ²)	21.02
	UNIT WEIGHT OF AREA (LBS/FT ²)	2.24

MOUNTING PATTERN SAMPLE



ALL HARDWARE, INCLUDING MOUNTING AND RACKING, TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

102.00	011111022	QCICITING CITT E MCCITT	2 X 1 1 KE 1 NB KIG/KIEB 1 KG G G
102.00			ROOF 1
		X	

TOTAL ROOF AREA: 1968.92 FT²
TOTAL ARRAY AREA: 462.50 FT²

TOTAL ARRAY PERCENT COVERAGE: 23.49%

MODULE WATTAGE: 405 W NUMBER OF PANELS: 22

SYSTEM SIZE: 8.910 kW

NOTES:

- SOLAR PANEL LAYOUT SUBJECT TO CHANGE ACCORDING TO EXISTING CONDITIONS
- SCALE AS SHOWN



PALMETTO
PHONE: +1 843-720-1844
WWW.PALMETTO.COM

SCALE: 1"=10'

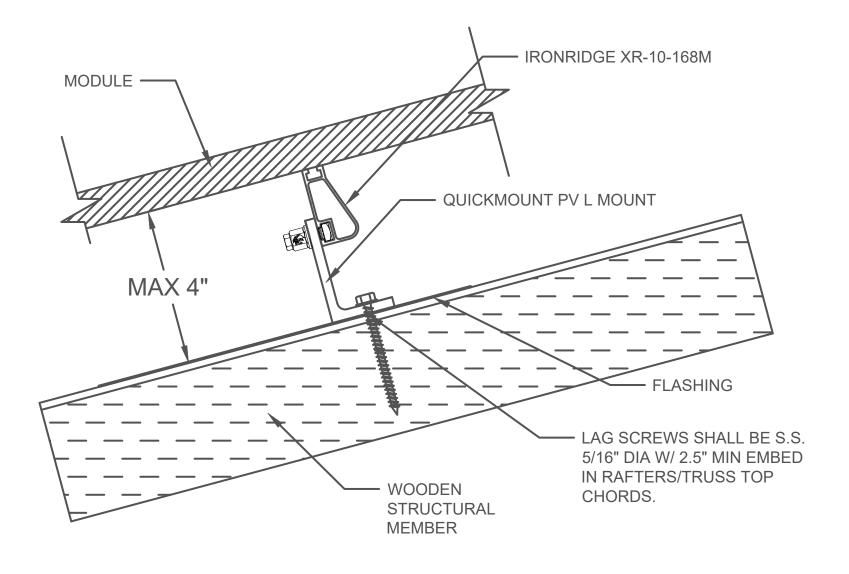
PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC AUTHOR: EE DATE: 24/MAY/23

REV: A

Need on-site installation support?
Palmetto Installation Hotline

Palmetto Installation Hotline
Call or Text: 1-843-258-5389
InstallHotline@Palmetto.com





SCALE: NTS

PANEL TYPE: VSUN 405-108BMH 405W

PANEL SIZE: 67.8" X 44.65"

RACKING TYPE: IRONRIDGE XR-10-168M MOUNT TYPE: QUICK MOUNT L-MOUNT SOLAR SYSTEM DEAD LOAD: 3.0 PSF



PALMETTO

PHONE: +1 843-720-1844

PROJECT: 191 CHEDWORTH DR

MUNICIPALITY: ANGIER, NC

CLIENT: TORRELL K TINDALL

8.910 KW DC-STC / 7.600 KW AC

ZIP CODE: 27501

WWW.PALMETTO.COM

NOTES:

SCALE AS SHOWN

- ALL DIMENSIONS IN FEET UNLESS

OTHERWISE STATED

AUTHOR: EE DATE: 24/MAY/23

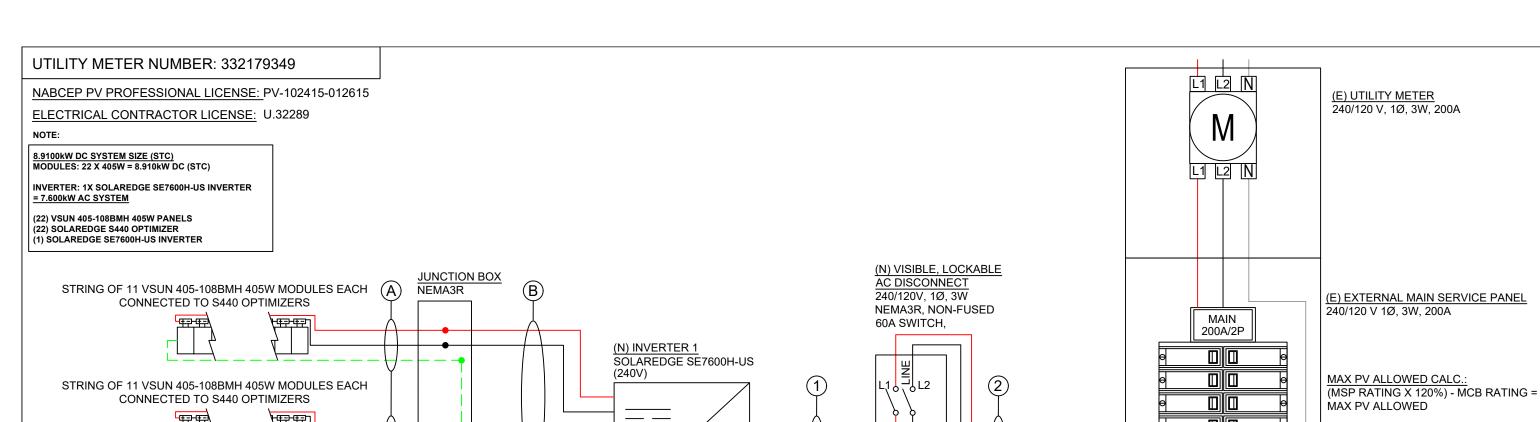
REV: A

Need on-site installation support?

Palmetto Installation Hotline
Call or Text: 1-843-258-5389
InstallHotline@Palmetto.com

G3 - MOUNTING DETAIL





AC ISOLATION DEVICE.

EQUIPPED WITH RAPID

SHUTDOWN, INTEGRATED DC DISCONNECT & ARC FAULT PROTECTION

NEMA 3R

AC CONDUCTOR SCHEDULE

ID	From	То	Phase	AC Voltage		80% or 100% Rated OCPD?	Circuit Current x 125%	OCPD (If	Material	Conductor Type	# of CCCs	Fill Factor	Ambient Temp.	Temp. Factor				Derated Ampacity		Neutral Size	Ground	Ground Material	Ground Type	Ground Size	Conduit Type	Conduit Size
1	SolarEdge Inverter 1	AC Disconnect	1Ф	240 (V)	32.0 (A)	80%	40.0 (A)	40 (A)	CU	THWN-2	2	1.00	32.9 (°C)	0.96	8 AWG	50(A)	55 (A)	52.8 (A)	1	8 AWG	EGC	CU	THWN-2	10 AWG	EMT	0.75 (in.)
2	AC Disconnect	POI	1Ф	240 (V)	32.0 (A)	80%	40.0(A)	40 (A)	CU	THWN-2	2	1.00	32.9 (°C)	0.96	8 AWG	50(A)	55 (A)	52.8 (A)	1	8 AWG	EGC	CU	THWN-2	10 AWG	EMT	0.75 (in.)

SOLAREDGE DC CONDUCTOR SCHEDULE

(A) FREE AII

*TEMPERATURE FACTOR IS BASED ON 2% DRY BULB HIGH TEMPERATURE OF 32.9°C WITH A 0°C TEMPERATURE ADDER THEREFORE RACEWAYS MUST BE AT LEAST 0.875 INCHES ABOVE ROOF AS PER NEC 310.15(B)(3)(C)

Number of Conductor Conducto

Conduit Strings Material Type Size @ 90°C Factor (If Required) Material Size Factor Ampacity Current Type CU PV Wire 10 AWG 0.96 1.00 38.40A 15.00A CU BARE 6 AWG N/A - Free Air No Limit

(B) IN CONDUIT

*TEMPERATURE FACTOR IS BASED ON 2% DRY BULB HIGH TEMPERATURE OF 32.9°C WITH A 0°C TEMPERATURE ADDER THEREFORE RACEWAYS MUST BE AT LEAST 0.875 INCHES ABOVE ROOF AS PER NEC 310.15(B)(3)(C)

**CALCULATIONS ARE BASED ON THE LARGEST CIRCUIT CURRENT (WORST CASE SCENARIO).

***TABLE ASSUMES ONE EGC PER CONDUIT. MINIMUM ONE EGC IS REQUIRED PER INVERTER PER CONDUIT.

Number of	Conductor	Conductor	Conductor	Base Ampacity	*Temperature	Fill	Derated	**Circuit	Min. OCPD	EGC	EGC	EGC	Min. EMT Size
Strings	Material	Type	Size	@ 90°C	Factor	Factor	Ampacity	Current	(If Required)	Material	Type	Size	IVIIII. LIVII 312e
1	CU	THWN-2	10 AWG	40A	0.96	1.00	38.40A	15.00A	20A	CU	THWN-2	10 AWG	0.50 in.
2	CU	THWN-2	10 AWG	40A	0.96	0.80	30.72A	15.00A	20A	CU	THWN-2	10 AWG	0.50 in.

PROJECT: 191 CHEDWORTH DR



PALMETTO

PHONE: +1 843-720-1844 WWW.PALMETTO.COM

MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC AUTHOR: EE

DATE: 24/MAY/23

REV: A

E1 - LINE DIAGRAM

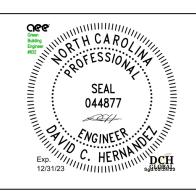
SQUARE D - DU222RB

DISCONNECT SWITCH

PV SYSTEM AC

Need on-site installation support?Palmetto Installation Hotline

Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com



200A X 1.2 - 200A = 40A

(E) GROUNDING ELECTRODE

9 40A/2P **□**

40A ALLOWED >= 40.00A (PV OUTPUT X 125%)

SOLAR BREAKER LOCATED AT THE FURTHEST END OF BUS BAR FROM THE MAIN BREAKER OR FEEDER UNIT

WARNING

ELECTRIC SHOCK HAZARD

TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

CODE REF: [NEC 690.13(B)]
LOCATION: PLACE ON ALL DISCONNECTING
MEANS WHERE ENERGIZED IN AN OPEN
POSITION

WARNING

TURN OFF PHOTOVOLTAIC AC DISCONNECT PRIOR TO WORKING INSIDE PANEL

CODE REF: [NEC 110.27(C) & OSHA 1910.14(f)7)]
LOCATION: PLACE ON ALL COMBINER
BOX/ENCLOSURES, MAIN SERVICE
DISCONNECT, BREAKER PANEL & PULL BOXES

WARNING

THIS EQUIPMENT FED BY MULTIPLE SOURCES

TOTAL RATING OF ALL OVERCURRENT DEVICES EXCLUDING MAIN POWER SUPPLY SHALL NOT EXCEED AMPACITY OF BUSBAR

CODE REF: [NEC 705.12(B)(2)(3)(c)]
LOCATION: PLACE THIS LABEL AT P.O.C. TO
SERVICE DISTRIBUTION EQUIPMENT
(I.E. MAIN PANEL OR SUB-PANEL) IF APPLICABLE

WARNING

THE DISCONNECTION OF THE GROUNDED CONDUCTOR(S) MAY RESULT IN OVERVOLTAGE ON THE EQUIPMENT

CODE REF: [NEC 690.31(I)]
LOCATION: PLACE ON ALL DISCONNECTING
MEANS WHERE ENERGIZED IN AN OPEN
POSITION

WARNING

DUAL POWER SOURCE

SECOND SOURCE IS PHOTOVOLTAIC SYSTEM

CODE REF: [NEC 705.12(B)(3) & 690.59]
LOCATION: PLACE LABEL ON ALL EQUIPMENT
CONTAINING OVERCURRENT DEVICES IN
CIRCUITS SUPPLYING POWER
TO A BUSBAR OR CONDUCTORS SUPPLIED
FROM MULTIPLE SOURCES

WARNING

POWER SOURCE OUTPUT CONNECTION

DO NOT RELOCATE THIS OVERCURRENT

CODE REF: [NEC 705.12(B)(2)(3)(b)]
LOCATION: PLACE LABEL ON ALL EQUIPMENT
CONTAINING OVERCURRENT DEVICES IN
CIRCUITS SUPPLYING POWER
TO A BUSBAR OR CONDUCTORS SUPPLIED
FROM MULTIPLE SOURCES

CAUTION

PHOTOVOLTAIC SYSTEM CIRCUIT IS
BACKFED

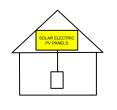
CODE REF: [NEC 705.12(B)(4) & 690.59]
LOCATION: PLACE LABEL ON ALL EQUIPMENT
CONTAINING OVERCURRENT DEVICES IN
CIRCUITS SUPPLYING POWER
TO A BUSBAR OR CONDUCTORS SUPPLIED
FROM MULTIPLE SOURCES

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

CODE REF: [NEC 690.56(C)(3)]
LOCATION: PLACE NO MORE THAN 1m (3FT) FROM SWITCH

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN THE ARRAY.



CODE REF: [NEC 690.56(C)]
LOCATION: PLACE AT MAIN SERVICE PANEL

WARNING: PHOTOVOLTAIC POWER SOURCE

CODE REF: [NEC 690.31 (G)(3) & 690.31 (G)(4)]
LOCATION: PLACE ON ALL JUNCTION BOXES. EXPOSED
RACEWAYS EVERY 10'

MAXIMUM VOLTAGE

MAXIMUM CIRCUIT CURRENT

20 A

MAX RATED OUTPUT
CURRENT OF DC-TO-DC
CONVERTER (IF INSTALLED)

CODE REF: [NEC 690.53] LOCATION: PLACE AT INVERTER 1

DO NOT DISCONNECT UNDER LOAD

CODE REF: [NEC 690.15(C) & 690.33(E)(2)]

LOCATION: PLACE ON ALL DISCONNECTING MEANS
WHERE ENERGIZED IN AN OPEN POSITION

PHOTOVOLTAIC AC DISCONNECT

RATED AC OUTPUT CURRENT

NOMINAL OPERATING AC VOLTAGE

240V

CODE REF: [NEC 690.54]
LOCATION: PLACE AT P.O.C. TO SERVICE DISTRIBUTION EQUIPMENT / AC DISCONNECT / PULL BOXES

PHOTOVOLTAIC

AC DISCONNECT

CODE REF: [NEC 690.13(B)]
LOCATION: PLACE AT P.O.C. TO SERVICE DISTRIBUTION
EQUIPMENT / AC DISCONNECT / PULL BOXES

PHOTOVOLTAIC

DC DISCONNECT

CODE REF: [NEC 690.13(B)]
LOCATION: PLACE ON DC DISCONNECT

NOTES:

- 1) ALL LABELING USED OUTDOORS MUST BE ENGRAVED METAL, UV STABILIZED ENGRAVED PLASTIC OR OF A MATERIAL SUFFICIENTLY DURABLE TO WITHSTAND THE ENVIRONMENT INVOLVED. VALUES HAND WRITTEN OR IN WRITTEN IN MARKER ARE NOT ACCEPTABLE PER NEC 2017.
- 2) LABELS USED INDOORS MAY BE MADE OF DURABLE VINYL OR PAPER
- 3) DO NOT COVER ANY EXISTING MANUFACTURER APPLIED LABELS WITH INSTALLATION SPECIFIC LABELS
- 4) LABEL COLORS CHOSEN PER NFPA 70 2017 DIRECTION THAT ANSI Z535-2011 BE USED
- 5) REQUIREMENTS COMPLY WITH NEC 2017
- 6) ADDITIONALLY, IT IS HIGHLY RECOMMENDED THAT THE INSTALLER ATTACH A LABEL WITH THE COMPANY NAME AND CONTACT INFORMATION AT THE INVERTER
- 7) ALL WARNING SIGNS OR LABELS SHALL COMPLY WITH NEC 110.21(B)

FORMAT

- . WHITE LETTERING ON A RED BACKGROUND
- 2. MINIMUM 3/8 INCHES LETTER HEIGHT
- 3. ALL LETTERS SHALL BE CAPITALIZED
- 4. ARIAL OR SIMILAR FONT (NON-BOLD)

MATERIAL

REFLECTIVE, WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT (USE UL-969 AS STANDARD FOR WEATHER RATING). DURABLE ADHESIVE MATERIALS



PALMETTO
PHONE: +1 843-720-1844
WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC AUTHOR: EE

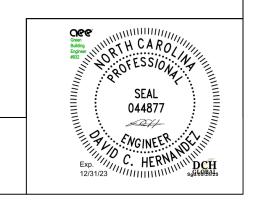
DATE: 24/MAY/23

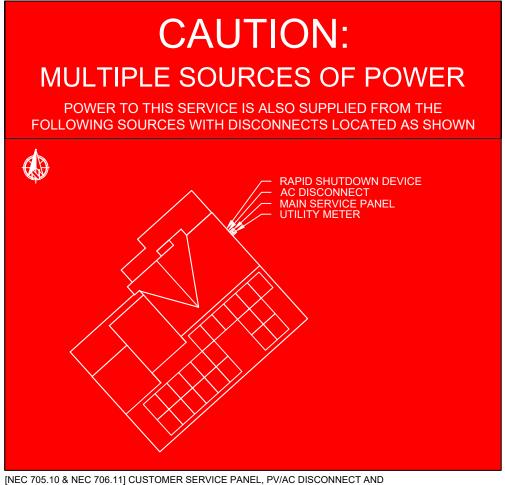
REV: A

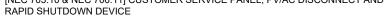
E2 - WARNING LABELS

Need on-site installation support?
Palmetto Installation Hotline

Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com









PALMETTO PHONE: +1 843-720-1844 WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

AUTHOR: EE

DATE: 24/MAY/23

REV: A

E3 - PLACARD

Need on-site installation support? Palmetto Installation Hotline

Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com





VSUN405-108BMH

405W Highest power output

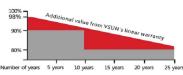
20.74% Module efficiency

25 years

Material & Workmanship warranty

30_{years}

Linear power output warranty

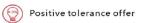








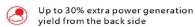


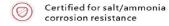


VSUN405-108BMH VSUN400-108BMH VSUN395-108BMH VSUN390-108BMH













VSUN, a BNEF Tier-1 PV module manufacturer invested by Fuji Solar, has been committed to providing greener, cleaner and more intelligent renewable energy solutions. VSUN is dedicated to bringing reliable, customized and high-efficient products into various markets and customers worldwide













最も信頼出来る再エネパートナー

Electrical Characteristics at Standard Test Conditions(STC)

-0.32%/°C

Module Type	VSUN405-108BMH	VSUN400-108BMH	VSUN395-108BMH	VSUN390-108BMH
Maximum Power - Pmax (W)	405	400	395	390
Open Circuit Voltage - Voc (V)	37.36	37.2	37.03	36.84
Short Circuit Current - Isc (A)	13.78	13.68	13.59	13.5
Maximum Power Voltage - Vmpp (V)	31.36	31.17	31	30.82
Maximum Power Current - Impp (A)	12.92	12.84	12.75	12.66
Module Efficiency	20.74%	20.48%	20.23%	19.97%
Standard Test Conditions (STC): irradians	1 000 M/m2: AM 1 F: m	adula tamparatura 25°C Dmay C	orting : O., EW Managing Tale	PER DOO: +30/

Remark: Electrical data do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types

Electrical Characteristics with different rear side power gain(reference to 400 front)

Pmax (W)	Voc (V)	Isc (A)	Vmpp (V)	Impp (A)	Pmax gain
420	37.1	14.36	31.17	13.48	5%
440	37.1	15.05	31.17	14.12	10%
479	37.2	16.42	31.12	15.41	20%
499	37.2	17.10	31.12	16.05	25%
Temperatu	re Characte	ristics	Maximur	n Ratings	
NOCT		45°C(±2°C)	Maximum Syster	m Voltage [V]	1500
Voltage Temperature	e Coefficient	-0.27%/°C	Series Fuse Ratin	ng [A]	30
Current Temperature	Coefficient	+0.048%/°C	Rifaciality		70%+10%

Power Temperature Coefficient **Material Characteristics**

Black anodized aluminum profile

Frame Front Glass White toughened safety glass, 3.2 mm EVA (Ethylene-Vinyl-Acetate) or POE Cell Encapsulation Back Sheet Transparent black-mesh backsheet

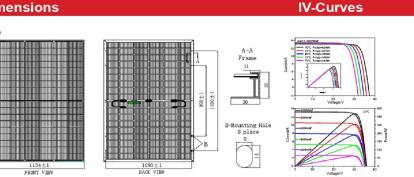
12×9 pieces monocrystalline solar cells series strings Junction Box

Potrait: 500 mm (cable length can be customized, 1×4 mm2, compatible with MC4

Packaging

System Design Dimensions(L×W× 1760×1125×1253m Maximum diameter of 25 mm with Container 40' impact speed of 23 m/s Container 40'HC Maximum Surface Load 5.400 Pa Application class class A

Dimensions



GROUP"

Certificate of Compliance

Certificate: 80098025 Master Contract: 265697

Project: 80156103 Date Issued: 2023-02-07

VIETNAM SUNERGY JOINT STOCK COMPANY Issued to: Lot III-Dong Vang Area, Dinh Tram Industrial Zone,

Hoang Ninh Commune, Viet Yen District, 230000 Bac Giang Province,

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Qiang (Sean) Jiang Issued by: Qiang (Sean) Jiang

PRODUCTS

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels CLASS 5311 90 - POWER SUPPLIES - Photovoltaic Modules and Panels - Certified to U.S. Standards

Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model

series: VSUNxxx-144BMH-DG (xxx=510-580, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model

series: VSUNxxx-132BMH-DG (xxx=475-520, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model

series: VSUNxxx-120BMH-DG (xxx=430-470, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model

series: VSUNxxx-108BMH-DG (xxx=390-410, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model

series: VSUNxxx-144BMH (xxx=510-580, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model

series: VSUNxxx-132BMH (xxx=475-520, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model

series: VSUNxxx-120BMH (xxx=430-470, in steps of 5), Fuse rating 30A. Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model

series: VSUNxxx-108BMH (xxx=390-410, in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: VSUNxxx-144MH-BB (xxx=510-580, in steps of 5), Fuse rating 30A.

OOD 507 Rev 2019-04-30

© 2018 CSA Group. All rights reserved



PALMETTO PHONE: +1 843-720-1844 WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

AUTHOR: EE

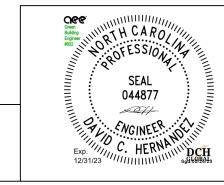
DATE: 24/MAY/23

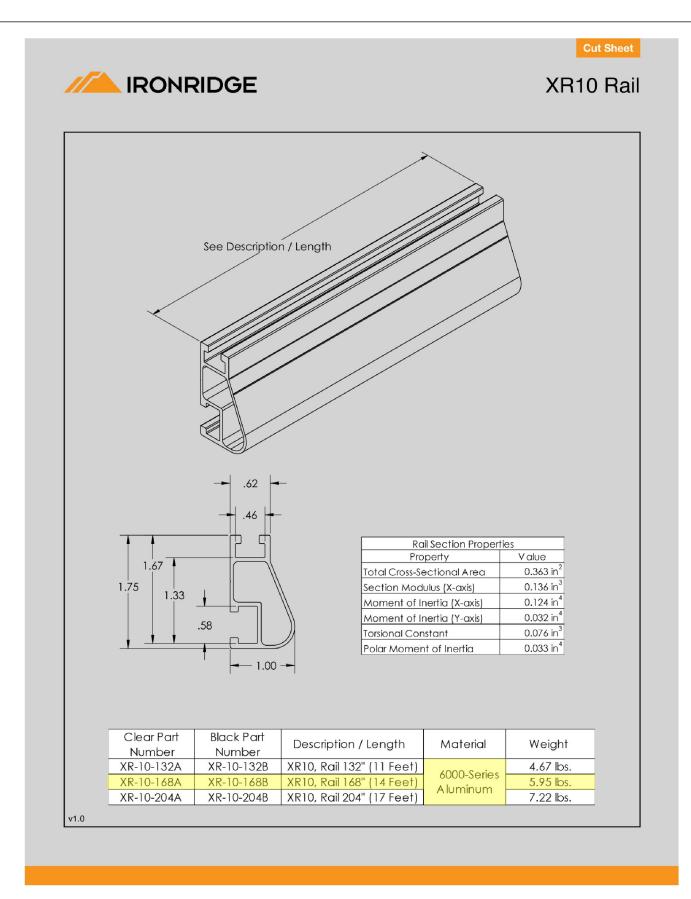
REV: A

A1 - PANEL SPECIFICATIONS

Need on-site installation support?

Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com





UL Certification

The IronRidge Flush Mount, Tilt Mount, and Ground Mount Systems have been listed to UL 2703 by Intertek Group plc.

UL 2703 is the standard for evaluating solar mounting systems. It ensures these devices will maintain strong electrical and mechanical connections over an extended period of time in extreme outdoor environments.

Go to IronRidge.com/UFO



PALMETTO
PHONE: +1 843-720-1844
WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC AUTHOR: EE

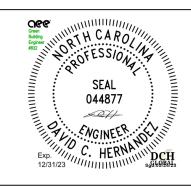
DATE: 24/MAY/23

REV: A

A2 - RACKING SPECIFICATIONS

Need on-site installation support?Palmetto Installation Hotline

Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com



Bonded Attachments

The bonding bolt attaches

and bonds the L-foot to the

rail. It is installed with the same socket as the rest of the

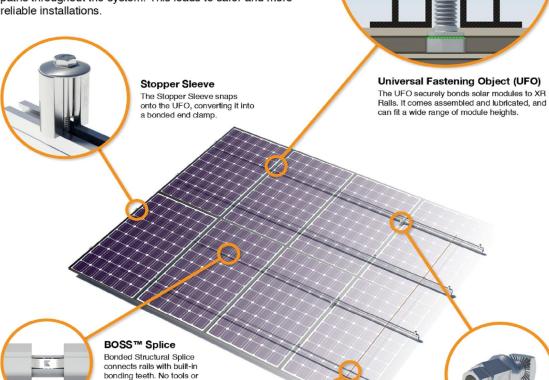


UFO Family of Components

Simplified Grounding for Every Application

The UFO family of components eliminates the need for separate grounding hardware by bonding solar modules directly to IronRidge XR Rails. All system types that feature the UFO family-Flush Mount, Tilt Mount and Ground Mount-are fully listed to the UL 2703 standard.

UFO hardware forms secure electrical bonds with both the module and the rail, resulting in many parallel grounding paths throughout the system. This leads to safer and more reliable installations.



VSUN

VSUN modules with 30, 35 and 40 mm frames

Where "YY" can be 60, 72, 108, 120, or 144; "z" can be M, P, MH, PH, or BMH; and "aa" can be blank, BB,

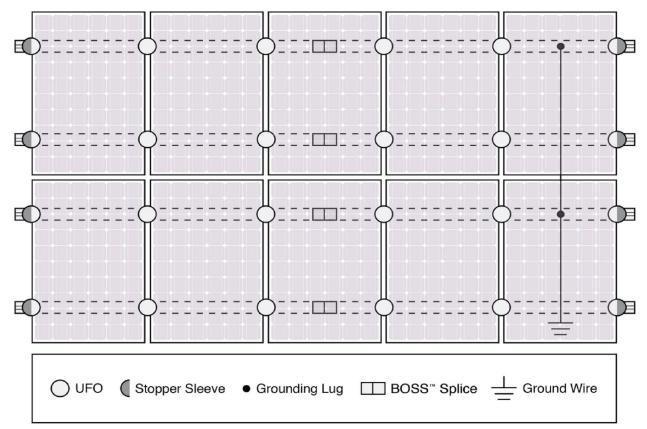
Grounding Lug A single Grounding Lug

of PV modules to the

arounding conductor.

BW, or DG

System Diagram



Q Approved Enphase microinverters can provide equipment grounding of IronRidge systems, eliminating the need for grounding lugs and field installed equipment ground conductors (EGC). A minimum of two microinverters mounted to the same rail and connected to the same Engage cable is required. Refer to installation manuals for additional details.

UL Certification

The IronRidge Flush Mount, Tilt Mount, and Ground Mount Systems have been listed to UL 2703 by Intertek Group plc.

UL 2703 is the standard for evaluating solar mounting systems. It ensures these devices will maintain strong electrical and mechanical connections over an extended period of time in extreme outdoor environments.

Go to IronRidge.com/UFO

	Cross-System	Compatibility					
Feature	Flush Mount	Tilt Mount	Ground Mount				
XR Rails	~	~	XR1000 Only				
UFO/Stopper	~	~	~				
BOSS™ Splice	~	~	N/A				
Grounding Lugs	1 per Row	1 per Row	1 per Array				
Microinverters & Power Optimizers		with most MLPE ma system installation					
Fire Rating	Class A	Class A	N/A				
Modules	Tested or Evaluated with over 400 Framed Module Refer to installation manuals for a detailed list.						



PALMETTO PHONE: +1 843-720-1844 WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

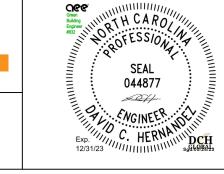
AUTHOR: EE

DATE: 24/MAY/23

REV: A

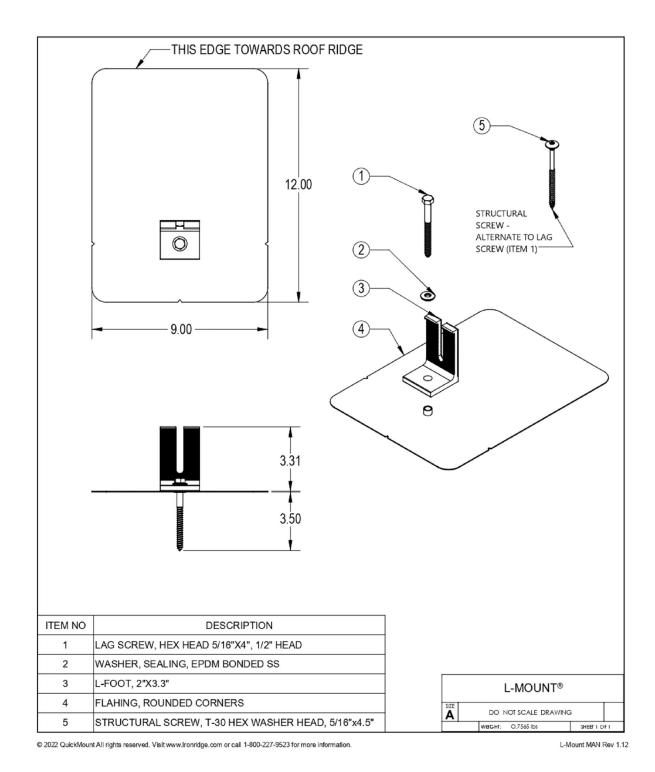
A3 - BONDING AND GROUNDING SPECIFICATIONS

Need on-site installation support? Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com



Quick Mount[®]

L-Mount®



L-Mount[®] Installation Instructions

Installation Tools Required: tape measure, roofing bar, chalk line, stud finder, caulking gun, sealant compatible with roofing materials, drill with 7/32" or 1/8" bit, drill or impact gun with 1/2" socket.

WARNING: Quick Mount[®] products are NOT designed for and should NOT be used to anchor fall protection equipment.



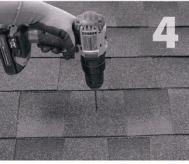
Locate, choose, and mark centers of rafters to be Carefully lift composition roof shingle with roofing Insert flashing between 1st and 2nd course. Slide mounts will be placed.



mounted. Select the courses of shingles where bar, just above placement of mount. Remove up so top edge of flashing is at least ¾" higher nails as required and backfill holes with aproved than the butt-edge of the 3rd course and lower sealant. See "Proper Flashing Placement" on next flashing edge is above the butt-edge of 1st course.



Mark center for drilling.



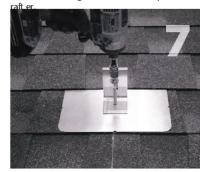
a 1/8" bit (ST) for attaching with the structural screw. Drill pilot hole into roof and raft er, taking care to drill square to the roof. Do not use mount as a drill guide. Drill a 2" deep hole into



If attaching with lag bolt use a 1/4" bit (Lag). Use Clean off any sawdust, and fill hole with sealant Place L-foot onto elevated flute and rotate L-foot to compatible with roofing materials.



desired orientation.



Prepare lag bolt or structural screw with sealing You are now ready for the rack of your choice. NOTE: Structural screw can be driven with T-30 hex



washer. Using a 1/2-inch socket on an impact gun, Follow all the directions of the rack manufacturer drive prepared lag bolt through L-foot until L-foot as well as the module manufacturer. NOTE: Make can no longer easily rotate. DO NOT over-torque. sure top of L-Foot makes solid contact with racking.

All roofing manufacturers' written instructions must also be followed by anyone modifying a roof system. Consult the roof manufacturer's specs and instructions prior to working on the roof.

© 2022 QuickMount All rights reserved. Visit www.lronridge.com or call 1-800-227-9523 for more information.

L-Mount MAN Rev 1 12



PALMETTO PHONE: +1 843-720-1844 WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

AUTHOR: EE

DATE: 24/MAY/23

REV: A

A4 - MOUNTING SPECIFICATIONS

Need on-site installation support? Palmetto Installation Hotline Call or Text: 1-843-258-5389

InstallHotline@Palmetto.com



Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US





Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking 99% weighted efficiency
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014, NEC 2017 and NEC 2020 per article 690.11 and 690.12

- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Small, lightweight, and easy to install both outdoors or indoors
- Built-in module-level monitoring
- Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com



Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US

		SE	xxxxh-xxxxx	BXX4			
3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
4	✓	√	1	✓	*	✓	Vac
-	✓	-	✓	-	-	✓	Vac
			59.3 - 60 - 60.5(1)				Hz
12.5	16	21	25	32	42	47.5	А
-	16		24	-	-	48.5	А
		1,	Adjustable - 0.85 to	0.85			
			1				А
			Yes				
4650	5900	7750	9300	11800	15500	17650	W
-	PERM	-	10.00	-	-	718555	W
	3100					13300	+
							Vd
	3	180			400		Vd
8.5	10.5	13.5	16.5	20	27	30.5	Ad
-	9	-	13.5	-	-	27	Ad
			45				Ad
			Yes				
			600kΩ Sensitivity				
99			9	9.2			%
			99			99 @ 240V 98.5 @ 208V	%
			< 2.5				W
		RS485, Ethernet,	ZigBee (optional), C	ellular (optional)			
			Ontine all'il				
			Optional**				
	With the SetAp	op mobile applicatio	n using Built-in Wi-Fi	Access Point for Lo	cal Connection		
		Automatic Rapid	Shutdown upon AC	Grid Disconnect			
	UL1741, U	L1741 SA, UL1699B, (CSA C22.2, Canadian	AFCI according to	T.I.L. M-07		
		IEEE:		(HI)			
			FCC Part 15 Class B				
ONS							
	1"	Maximum / 14-6 AV	VG		1" Maximum ,	/14-4 AWG	
							in/m
22 /		25.1 / 11.4	26.2	/ 11.9		17.6	lb/k
	<				<50		dBA
				0/4			op / 0-
) to +140 / -40 to +6 K (Inverter with Safet				°F/°(
	3000 - 12.5 - 4650 - 8.5 - 999	3000 3300 © 208V 3000 3300 © 208V 3000 3300 © 208V -	3000 3800 @ 240V 5000 3000 3800 @ 240V 5000 -	3000 3800 @ 240V 5000 6000 @ 240V 5000 @ 208V 3000 3300 @ 208V 5000 5000 @ 208V 5000 @ 208V 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3000 3800 @ 240V 5000 6000 @ 240V 7600 3000 3800 @ 240V 5000 5000 @ 208V 7600 3000 3800 @ 240V 5000 5000 @ 208V 7600 3000 3800 @ 240V 5000 5000 @ 208V 7600 3000 280V 7600 5000 @ 208V 7600 3200 240V 5000 208V 7600 3200 2500 1800 1800 1800 3200 225 3200 1800 1800 1800 3200 226V 25 3200 1800 1800 1800 3200 226V 25 3200 1800 1800 1800 1800 3200 226V 25 3200 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 18	3800 240V 5000 6000 240V 7600 10000	3000

WORTH CAROL

AUTHOR: EE

DATE: 24/MAY/23

Need on-site installation support?Palmetto Installation Hotline

A5 - INVERTER SPECIFICATIONS

Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com



PALMETTO
PHONE: +1 843-720-1844
WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

REV: A

should be ordered separately: \$EACT0750-200NA-20 or \$EACT0750-400NA-20. 20 units per box

(4) Full power up to at least 50°C / 122°F; for power de-rating information refer to: https://www.solaredge.com/sites/default/files/se-temperature-derating-note

Power Optimizer For North America

S440, S500



PV power optimization at the module level

- Specifically designed to work with SolarEdge residential inverters
- Detects abnormal PV connector behavior. preventing potential safety issues*
- / Module-level voltage shutdown for installer and firefighter safety
- Superior efficiency (99.5%)
- / Mitigates all types of module mismatch loss, from manufacturing tolerance to partial shading

- Faster installations with simplified cable management and easy assembly using a single bolt
- Flexible system design for maximum space utilization
- Compatible with bifacial PV modules
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)



solaredge.com



/ Power Optimizer For North America

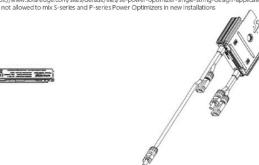
S440, S500

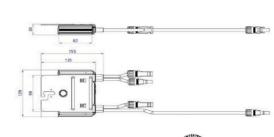
	S440	S500	Unit		
INPUT					
Rated Input DC Power ^m	440	500	W		
Absolute Maximum Input Voltage (Voc)		60	Vdc		
MPPT Operating Range		8 - 60	Vdc		
Maximum Short Circuit Current (Isc) of Connected PV Module	14.5	15	Adc		
Maximum Efficiency		99.5	%		
Weighted Efficiency		98.6	%		
Overvoltage Category		Щ			
OUTPUT DURING OPERATION					
Maximum Output Current		15	Adc		
Maximum Output Voltage		60	Vdc		
OUTPUT DURING STANDBY (POWER OPTIMIZER DISC	CONNECTED FROM INVER	TER OR INVERTER OFF)			
Safety Output Voltage per Power Optimizer		1+/-0.1	Vdc		
STANDARD COMPLIANCE					
Photovoltaic Rapid Shutdown System	1	IEC 2014, 2017 & 2020			
EMC	FCC Part 15 C	lass B, IEC61000-6-2, IEC61000-6-3			
Safety	IEC621	09-1 (class II safety), UL1741			
Material	L	JL94 V-0, UV Resistant			
RoHS		Yes			
Fire Safety	VDE	E-AR-E 2100-712:2013-05			
INSTALLATION SPECIFICATIONS					
Maximum Allowed System Voltage		1000	Vdc		
Dimensions (W x L x H)	129 x	153 x 30 / 5.07 x 6.02 x 1.18	mm/i		
Weight (including cables)		655 / 1.5	gr/lb		
Input Connector		MC4 ^{p)}			
Input Wire Length		0.1 / 0.32	m/ft		
Output Connector		MC4			
Output Wire Length	(+) 2.3	3, (-) 0.10 / (+) 7.54, (-) 0.32	m/ft °C		
Operating Temperature Range ⁽³⁾	-40 to +85				
Protection Rating		IP68 / NEMA6P			
Relative Humidity		0 - 100	%		

- (i) Rated power of the module at STC will not exceed the power optimizer Rated input DC Power. Modules with up to +5% power tolerance are allowed
- (3) For ambient temperature above +70°C / +158°F power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for more details

PV System Design Using a Inverter	SolarEdge	Single Phase HD-Wave	Three Phase for 208V Grid	Three Phase for 277/480V Grid	
Minimum String Length (Power Optimizers)	S440, S500	8	10	18	
Maximum String Length (Power Opt	imizers)	25	50 ⁶¹		
Maximum Nominal Power per String		5700 (6000 with SE7600-US-SE11400-U)	6000	12750	W
Maximum Allowed Connected Power		Refer to Footnote 5	One string 7200	15000	w
(Permitted only when the difference in con strings is 1,000W or less)	mected power between	Refer to Pootriole 5	15000	VV	
Parallel Strings of Different Lengths of	or Orientations		Yes		

- (4) A string with more than 30 optimizers does not meet NEC rapid shutdown requirements; safety voltage will be above the 30V requirement (5) If the inverters rated AC power is maximum nominal power per string, then the maximum power per string will be able to reach up to the inverters maximum input DC power. Refer to: https://www.solaredge.com/sites/default/files/se-power-optimizer-single-string-design-application-note.pdf (6) it is not allowed to mix 5-series and P-series Power Optimizers in new installations











PALMETTO PHONE: +1 843-720-1844 WWW.PALMETTO.COM

PROJECT: 191 CHEDWORTH DR MUNICIPALITY: ANGIER, NC ZIP CODE: 27501 CLIENT: TORRELL K TINDALL 8.910 KW DC-STC / 7.600 KW AC

AUTHOR: EE DATE: 24/MAY/23

REV: A

A6 - OPTIMIZER SPECIFICATIONS

Need on-site installation support? Palmetto Installation Hotline Call or Text: 1-843-258-5389 InstallHotline@Palmetto.com

