

D2021

LM

3/4" PA

1 1/2" H

1 1/2" W

1 1/2" D

1 1/2" T

1 1/2" B

1 1/2" S

1 1/2" L

1 1/2" R

1 1/2" U

1 1/2" V

1 1/2" W

1 1/2" X

2012

10





0002148010

06 01481

CL200 240V 3W TYPE CSM 30TA 1.0Kh

ZZZ 593999 #67



DUKE ENERGY PROGRESS

325 175 287

OpenMetry

CA 0-1
PWR
RAMP

























36





























IQ Gateway Summary



Connected to ENVOT_135155. Don't move your device away from IQ Gateway.

14 Aug 2022 12:16:19

System

Name	Serial Reference	Owner
William Poppe	NA	envot@ca.ibm.com
Street 1		Street 2
In Back Edge 01		NA
City	State	
Evans	NC	
Zip Postal Code		Country
27621		United States

IQ Gateway

Serial number	Software version	Type
20220818111	071000170000	ENVOT IQ Gateway
Production Name	Configuration Name	Site structure
Evans-11-11-05 Name: Evans	Evans-11-11-05-Exchange Name: Evans	NA
Connection to Exchange Client	Last report to Exchange Client	Last Profile
No connection	NA	Last Profile: 1001-1147-union-0411-017

37 IQ Microinverters

37 IQ Microinverters IQE

Serial number	Last report	Power	Last Profile
2022081418	14 Aug 2022 12:16:19 PM	200 W	NA
2022081419	14 Aug 2022 12:16:19 PM	200 W	NA
2022081420	14 Aug 2022 12:16:19 PM	200 W	NA
2022081421	14 Aug 2022 12:16:19 PM	200 W	NA
2022081422	14 Aug 2022 12:16:19 PM	200 W	NA
2022081423	14 Aug 2022 12:16:19 PM	200 W	NA
2022081424	14 Aug 2022 12:16:19 PM	200 W	NA
2022081425	14 Aug 2022 12:16:19 PM	200 W	NA
2022081426	14 Aug 2022 12:16:19 PM	200 W	NA
2022081427	14 Aug 2022 12:16:19 PM	200 W	NA
2022081428	14 Aug 2022 12:16:19 PM	200 W	NA
2022081429	14 Aug 2022 12:16:19 PM	200 W	NA
2022081430	14 Aug 2022 12:16:19 PM	200 W	NA

CONTINUE



Systems



Dashboard



Support



Menu



Devices & Array

Connected to ENVOY_138155. Don't move your device away from IQ Gateway.

IQ Gateway



202225138155

IQ Microinverters & Array



✓ Scanned : 37/37

✓ Detected : 37/37

✓ Communicating : 37/37

⊙ Array created : 0

⊙ Array assigned : 0

✓ Producing power : 37/37

⊙ Profile set : 0/37

(Please wait for grid profiles to propagate to all IQ Microinverters)

ADD DEVICE



Systems



Dashboard



Support



Menu











del Consejo Superior de los Peritos
Ingenieros
Agrónomos

34

Entre el Clave
Williams Pae = pres
36 Roca R. dse Pl Cobb
2952

Indicaciones
Sorge, Kreddy, Jussie
No Bryary, Bash, Rickis

N 11 E
M 11 E 0



	1	2	3	4	5	6	7	8	9
1	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...

del Consejo Superior de los Peritos
Ingenieros
Agrónomos

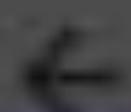
del Consejo Superior de los Peritos
Ingenieros
Agrónomos

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Ingenieros
Agrónomos

del Consejo Superior de los Peritos
Ingenieros
Agrónomos





 **IQ Gateway**

Connected to ENVOI_318713. Don't move your device away from IQ Gateway

LINK NOT AVAILABLE

Production

Today: NA Lifetime: NA

Consumption

Today: NA Lifetime: NA

Grid

IEE

Power

Test

Reset

PLC SCAN

Powerline Communications Noise detection

CHECK NOW



Systems



Dashboard



Support



Menu















181
181

WARNING
 ELECTRIC SHOCK HAZARD
 TERMINALS ON THE LINE AND
 LOAD SIDES MAY BE ENERGIZED
 IN THE OPEN POSITION

WARNING

1. Installation

2. Wiring

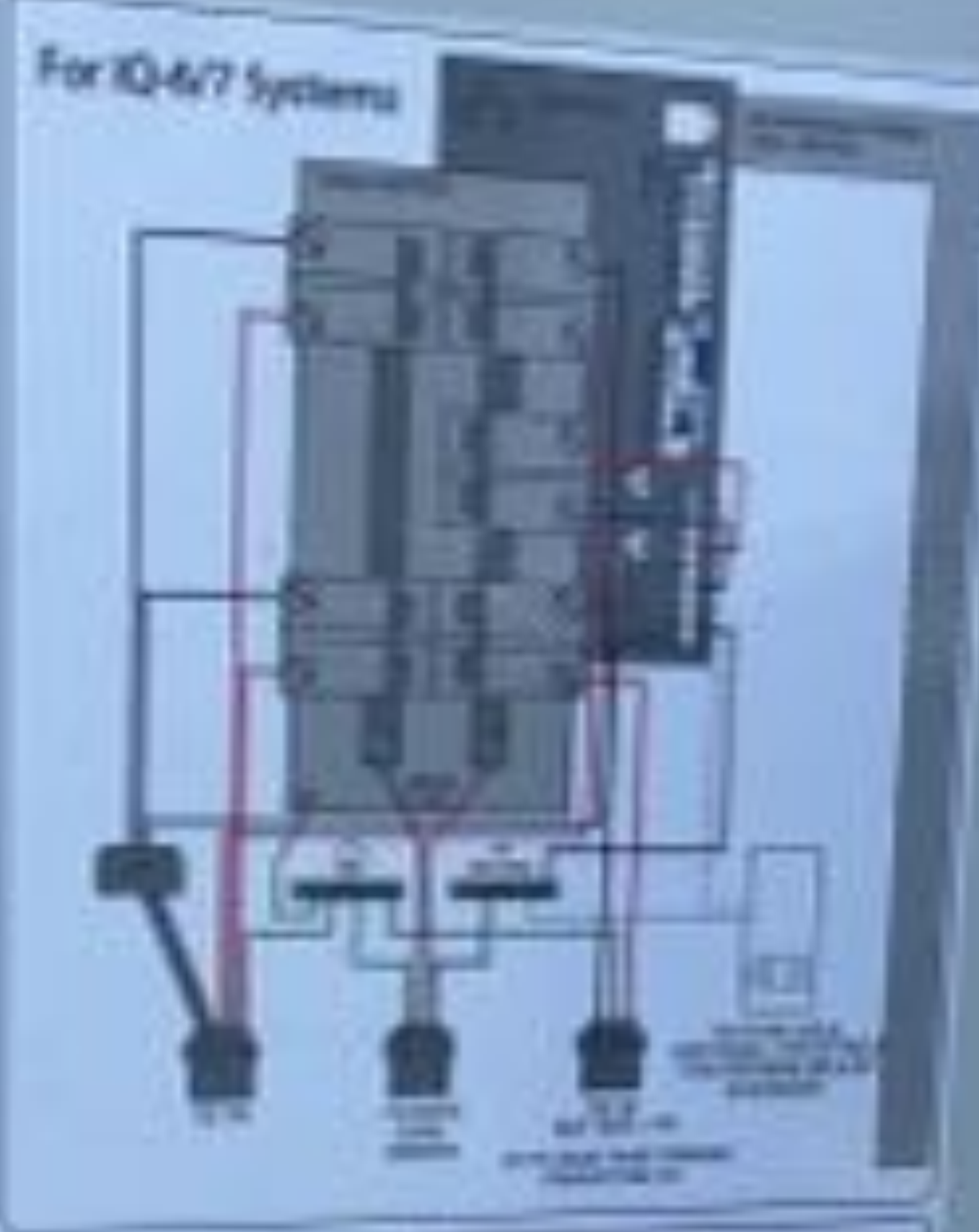
3. Testing

4. Maintenance

5. Troubleshooting

6. Safety

7. Notes



ENPHASE

IQ-4/7 SYSTEM 4

Residential
 Standard Size
 60 AMP/120 V

WIRING

TERMINALS

1. Line

2. Load

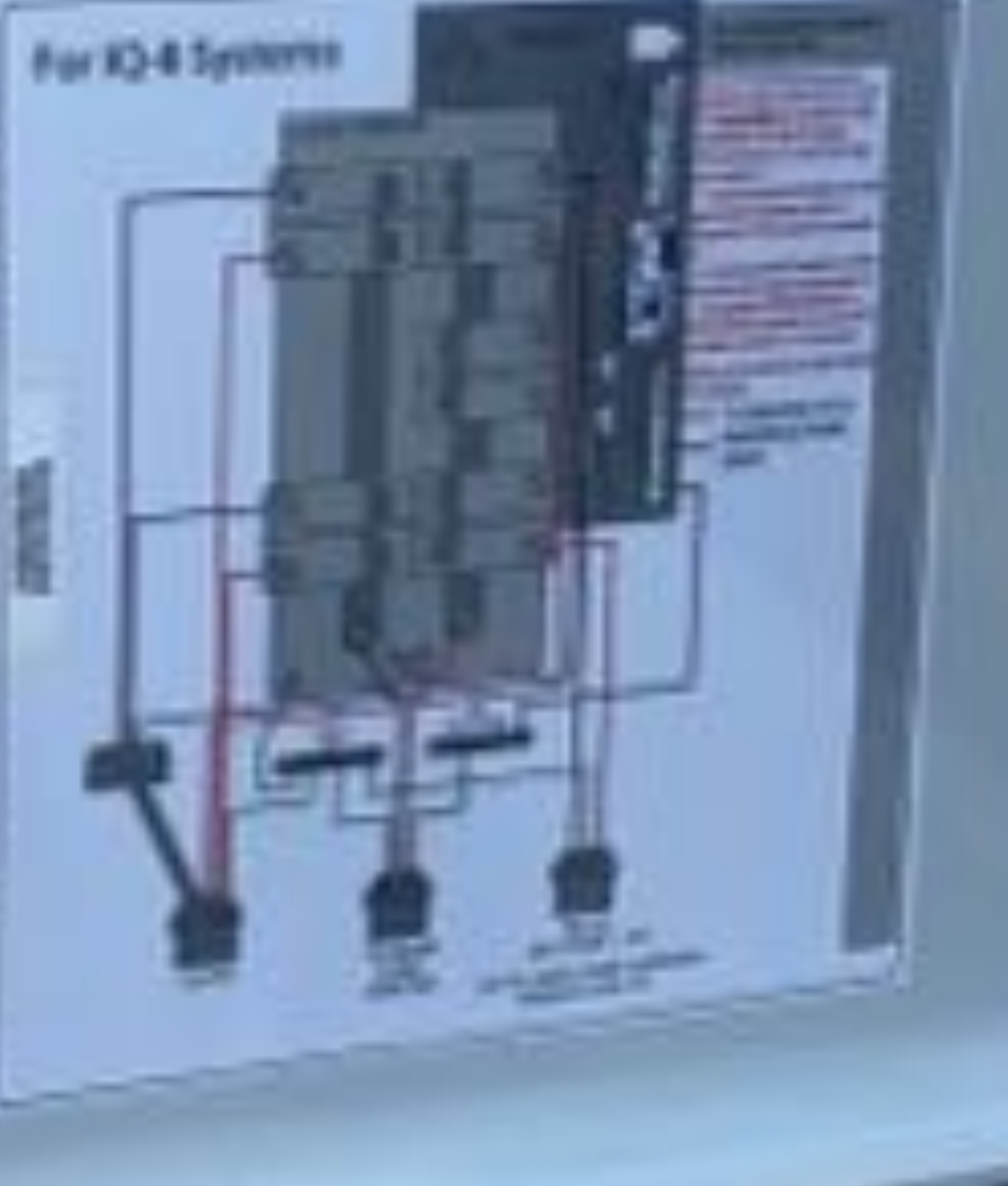
3. Ground

4. Neutral

5. Grounding

6. Safety

7. Notes











William Respass

36 Rock Ridge PL
Coats NC 27521





INSTALLATION MAP

Panel Construction de la section
Administration
Tribunal
Procureur

334
Kullikawa
Rue P. Gault
2782

Serge Frenck, Juge
Pa. Juges, P. Gault

NEEN
0114
M334

	1	2	3	4	5	6	7	8
V	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
U	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
T	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
S	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
R	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
Q	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
P	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
O	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
N	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
M	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
L	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
K	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
J	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
I	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
H	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
G	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
F	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
E	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
D	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
C	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
B	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
A	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration

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Document released pursuant to the Access to Information Act.



E.T.N.

PHOTOVOLTAIC SOLAR
ALL DISCONNECT

Remove MG System
NO DISCONNECT

WARNING

DO NOT DISCONNECT
UNDER LOAD

RAPID SHUTDOWN BY ARRAY

ENPHASE

RAPID SHUTDOWN

**SOLAR PV SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN**

WARNING

DO NOT DISCONNECT
UNDER LOAD


Bonding, Dark, Qty. 20, 3030190

SolarMount defined the standard in solar racking. Recent enhancements are designed to get installers off the roof faster than ever before. Components are pre-assembled and optimized to reduce installation steps and save labor time. Our new grounding & bonding process reduces copper wire and eliminates grounding straps or bonding jumpers to reduce costs.

Features

- **Highlights** - Easy installation, and high compatibility.

General Information

Manufacturer:	UniRac
Product Line:	SolarMount
Model ID:	3030190
Certifications and Safety Ratings:	

Mechanical Data

Technology:	Splice Bar
Dimensions:	4.00 x 1.00 x 1.50 Inches
Weight:	0.45 lbs
Application:	Integrated Bonding

























Sunday

11:53 AM

Edit

- Ensure bare copper grounding wire does not contact aluminum and aluminum steel components, to prevent risk of galvanic corrosion.
- If bare components or bare fasteners are found during periodic inspection, re-align immediately. Any components showing signs of corrosion or damage that compromise safety shall be replaced immediately.
- Provide an appropriate method of direct-to-earth grounding according to the latest edition of the National Electrical Code, including NEC 250: Grounding and Bonding, and NEC 690: Solar Photovoltaic Systems.
- Disconnect AC power before servicing or removing modules, AC modules, microconverters and power optimizers.
- Review module and any 3rd party manufacturer's documentation for compatibility and compliance with warranty terms and conditions.

RATINGS

UL 2703 LISTED



Certified to STD UL 2703 Standard for Safety First Edition: Mounting Systems, Mounting Devices, Clamping Retention Devices, and Ground Lugs for use with Flat-Panels Photovoltaic Modules and Panels

- One Overcurrent Protective Device (OCPD) Rating: n/a
- One Module Size: 60 x 6"
- Module Orientation: Portrait or Landscape
- System Design Load Rating: 10 PSF downward, 5 PSF upward, 5 PSF lateral
- Actual system structure capacity including spars and centerlines are defined by PE stamped [certification labels](#)
- CMO Specific Design Load rating: 50 PSF downward, 50 PSF upward, 10 PSF lateral

Certified to CSA T14 No. A-40 Photovoltaic Module Fixing Systems

- Load Rating: 2400 Pa (50 PSF)

CLASS A SYSTEM FIRE RATING PER UL 2703

- Any roof slope with Module Types 1, 2, 3, 10, 15, 20 & 26
- Any module to roof gap is permitted, with no perimeter gasketing required. This rating is applicable with any 3rd party attachment.
- Class A rated PV systems can be installed on Class A, B, and C roofs without affecting the roof fire rating.

WATER SEAL RATINGS

- UL 581 (Flashings) All Tilt Racks, Grounded Tilt, Flatness 1 Mount
- UL581 (Flashings) All Tilt Racks, Grounded Tilt, Flatness 1 Mount (Base)
- Tested and evaluated without sealant
- Any roofing manufacturer approved sealant is allowed. Ratings applicable for roof slopes between 2:12 and 12:12

STRUCTURAL CERTIFICATION

- Designed and Certified for Compliance with the International Building Code & ADDITIONAL

FLORIDA PRODUCT APPROVAL (PL2660)

- Certified to TAPCO: 10/1/2019
- Approved for installation both under and above high velocity hurricane zones (HVHZ)
- Allowable design pressure up to +1000 Pa (20 PSF)
- Additional details and full list of approved components can be found [here](#).

MARKINGS

Product markings are located on the Grounding Lug and Base



























1.661.440.1111
www.solar.com





WARNING
DO NOT TOUCH
LIVE PARTS
DANGER
ELECTRIC SHOCK
DEATH

1. The electrical system of the vehicle must be properly grounded to the chassis.
2. The battery must be properly secured and vented to the atmosphere.
3. The electrical system must be protected from moisture and corrosion.
4. The electrical system must be protected from vibration and shock.
5. The electrical system must be protected from short circuits and overloads.
6. The electrical system must be protected from fire and explosion.
7. The electrical system must be protected from theft and tampering.
8. The electrical system must be protected from damage to the vehicle's body and components.
9. The electrical system must be protected from damage to the vehicle's engine and drivetrain.
10. The electrical system must be protected from damage to the vehicle's interior and exterior.

11. The electrical system must be protected from damage to the vehicle's electrical components.
12. The electrical system must be protected from damage to the vehicle's electrical wiring.
13. The electrical system must be protected from damage to the vehicle's electrical connectors.
14. The electrical system must be protected from damage to the vehicle's electrical switches.
15. The electrical system must be protected from damage to the vehicle's electrical relays.
16. The electrical system must be protected from damage to the vehicle's electrical fuses.
17. The electrical system must be protected from damage to the vehicle's electrical sensors.
18. The electrical system must be protected from damage to the vehicle's electrical actuators.
19. The electrical system must be protected from damage to the vehicle's electrical actuators.
20. The electrical system must be protected from damage to the vehicle's electrical actuators.

21. The electrical system must be protected from damage to the vehicle's electrical actuators.
22. The electrical system must be protected from damage to the vehicle's electrical actuators.
23. The electrical system must be protected from damage to the vehicle's electrical actuators.
24. The electrical system must be protected from damage to the vehicle's electrical actuators.
25. The electrical system must be protected from damage to the vehicle's electrical actuators.

















Inside
Sub
Panel



Heat
Heat

Water
Heater



AC
AC

WARNING
SOLAR ELECTRIC
CIRCUIT BREAKER
IS BACKFED
DO NOT RELIEVE THIS
OVERCURRENT DEVICE
PHOTOVOLTAGE
SOLAR BREAKER

DANGER
ELECTRIC SHOCK
DEATH
PELIGRO
DESCARGA ELÉCTRICA
MUERTE