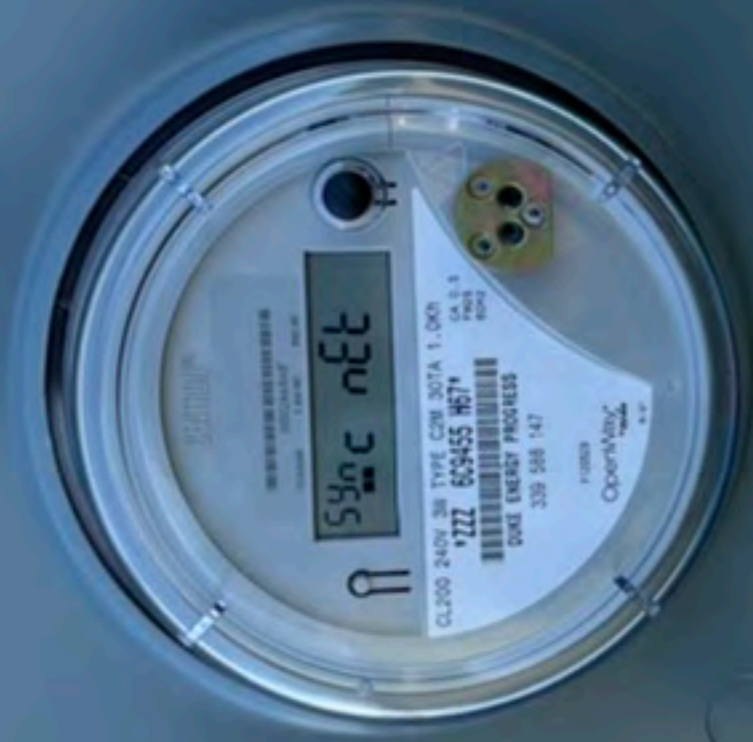


0000000000

CLP00 240V 3M TYPE C2M 301A 1.000
222 609455 167 SALES
DUKE ENERGY PROGRESS
339 588 147
Fisher
OpenWay

EMERGENCY
DISCONNECT
DESCONEXIÓN DE EMERGENCIA



CLP00 240V 3W TYPE C2B 301A 1.000
222 609455 167
DUKE ENERGY PROGRESS
339 588 147
Fusion
OpenWay

EMERGENCY
DISCONNECT
DESCONEXIÓN DE EMERGENCIA



CAUTION
DO NOT TOUCH
THE GLASS





185



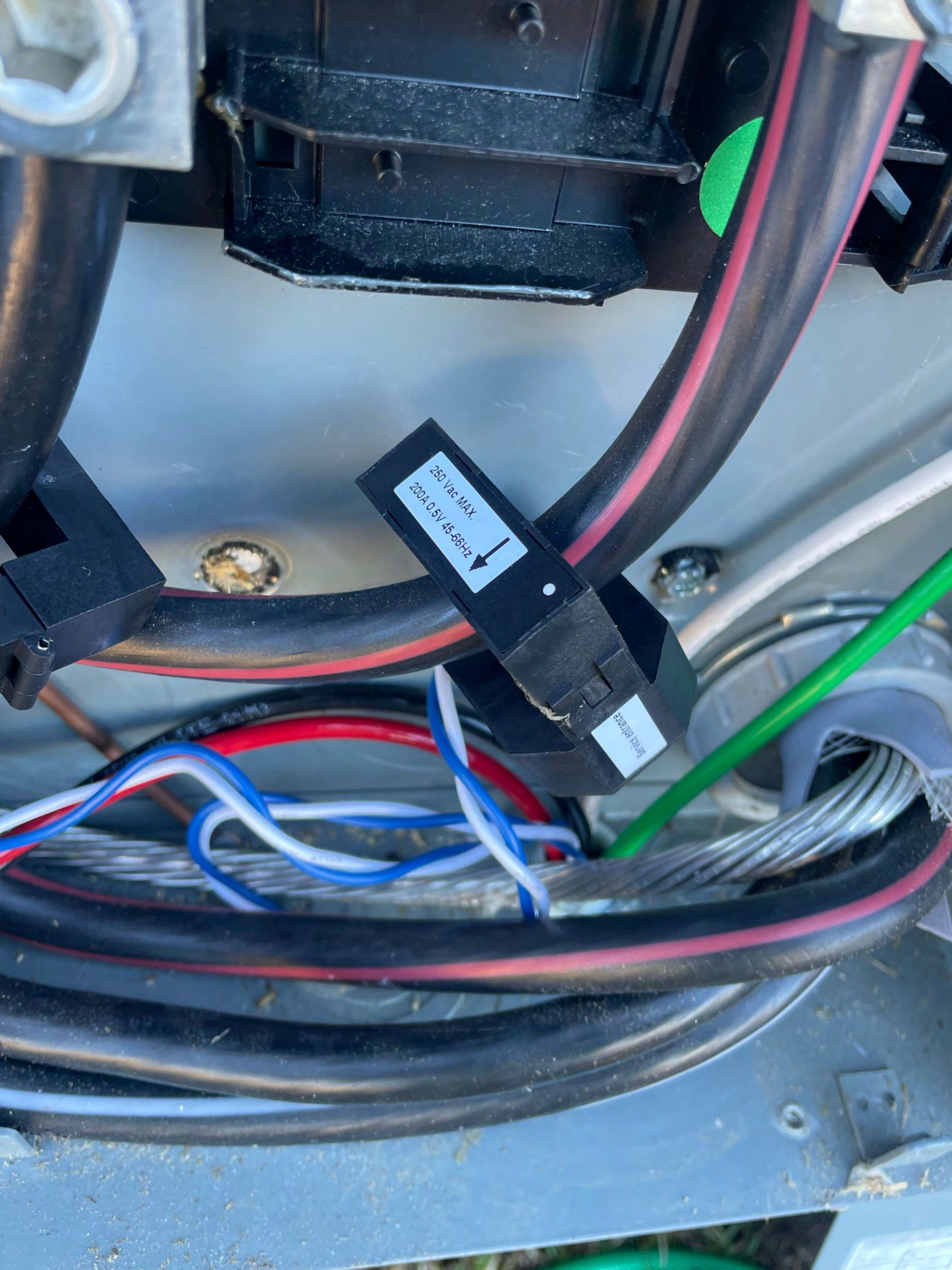




WARNING: ELECTRICAL WEAR/RESISTANCE
DANGER PELIGRO **DANGER**

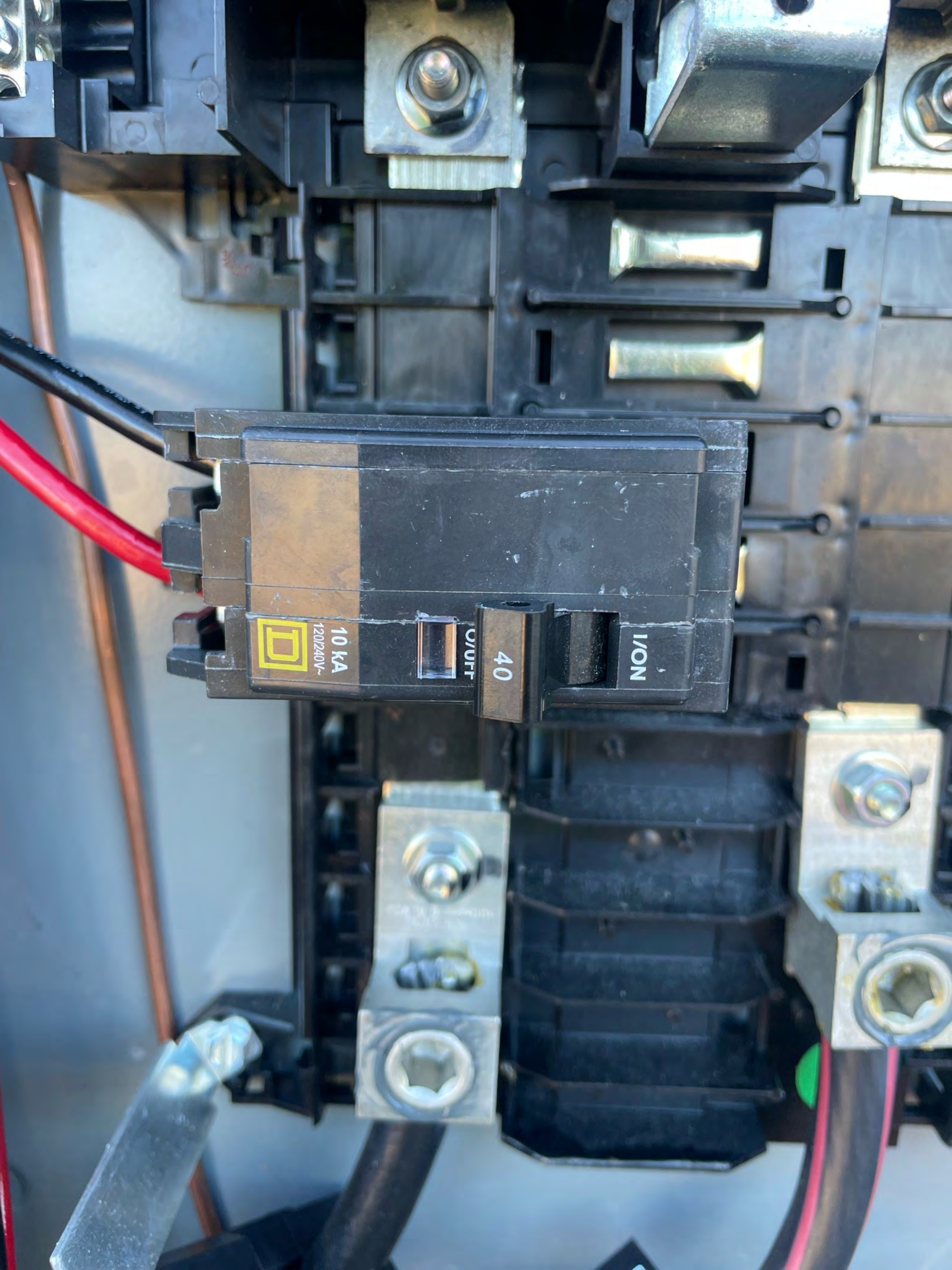
NO.	DESCRIPTION	DATE	BY
1	W/11	11/11	AVU
2	W/11	11/11	AVU
3	W/11	11/11	AVU
4	W/11	11/11	AVU
5	W/11	11/11	AVU
6	W/11	11/11	AVU
7	W/11	11/11	AVU
8	W/11	11/11	AVU
9	W/11	11/11	AVU
10	W/11	11/11	AVU
11	W/11	11/11	AVU
12	W/11	11/11	AVU
13	W/11	11/11	AVU
14	W/11	11/11	AVU
15	W/11	11/11	AVU
16	W/11	11/11	AVU
17	W/11	11/11	AVU
18	W/11	11/11	AVU
19	W/11	11/11	AVU
20	W/11	11/11	AVU
21	W/11	11/11	AVU
22	W/11	11/11	AVU
23	W/11	11/11	AVU
24	W/11	11/11	AVU
25	W/11	11/11	AVU
26	W/11	11/11	AVU
27	W/11	11/11	AVU
28	W/11	11/11	AVU
29	W/11	11/11	AVU
30	W/11	11/11	AVU
31	W/11	11/11	AVU
32	W/11	11/11	AVU
33	W/11	11/11	AVU
34	W/11	11/11	AVU
35	W/11	11/11	AVU
36	W/11	11/11	AVU
37	W/11	11/11	AVU
38	W/11	11/11	AVU
39	W/11	11/11	AVU
40	W/11	11/11	AVU
41	W/11	11/11	AVU
42	W/11	11/11	AVU
43	W/11	11/11	AVU
44	W/11	11/11	AVU
45	W/11	11/11	AVU
46	W/11	11/11	AVU
47	W/11	11/11	AVU
48	W/11	11/11	AVU
49	W/11	11/11	AVU
50	W/11	11/11	AVU

The Studbuddy



250 Vac MAX.
200A 0.5V 45-66Hz
↓

Service entrance



10 KA
120/240V~

OFF

40

ON

PV SYSTEM kWh METER

pvshels.com

05-2341

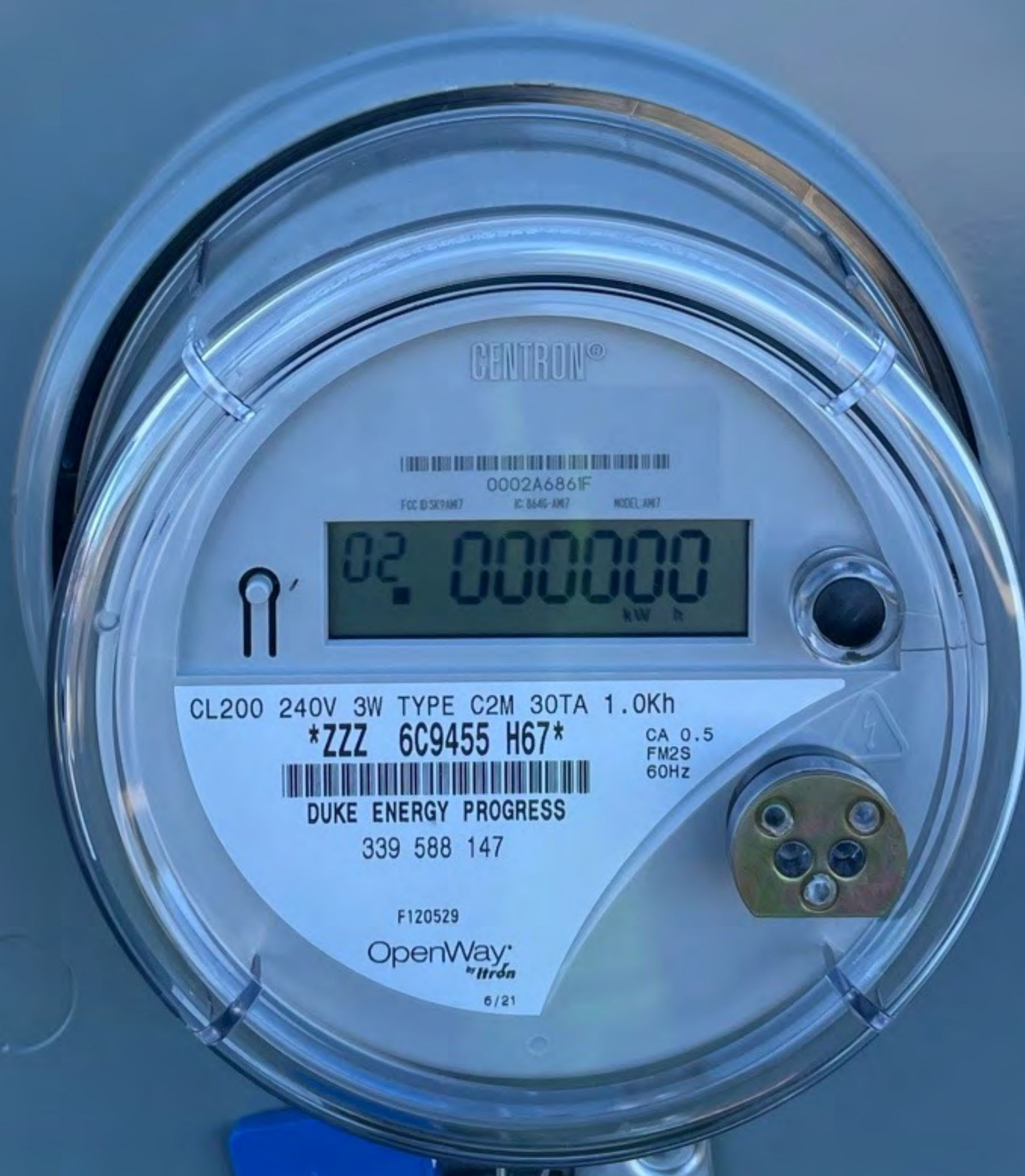
WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID
AND PV SOLAR
ELECTRIC SYSTEM

pvshels.com

05-411



SERVICE DISCONNECT
DESCONEXION DE ACOMETIDA

WARNING
SOLAR ELECTRIC
CIRCUIT BREAKER
IS BACKFED



MISSION SOLAR ENERGY



Serial No **M221029-A0473**



Model Number	MSE380SX5R
Rated Maximum Power	[W] 380 (-0/+3%)
Open - Circuit Voltage	[V] 44.8
Voltage at Pmax	[V] 36.8
Short - Circuit Current	[A] 10.91
Current at Pmax	[A] 10.34
Max. System Voltage	[V] 1000
Max. Series overcurrent protective device (where required) fuse rating	[A] 20
Standard test condition	AM=1.5 E=1000W/m² Tc=25°C



For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.



Fire Rating : Type 1
 Class of Equipment: Class II
 Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load

Warning
 PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.



Buy American Act & the American Recovery and Reinvestment Act



MODULES
 ASSEMBLED
 DESIGNED &
 ENGINEERED
IN THE USA
OF U.S. AND NON-U.S. PARTS

Address:
 8303 S. New Braunfels Ave.
 San Antonio, TX 78235

ASSEMBLED IN THE USA







PHOTOVOLTAIC POWER SOURCE

WARNING
PHOTOVOLTAIC SYSTEM
COMBINED PANELS
DO NOT ADD LOADS
PV SYSTEM DISCONNECT
WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE
AND LOAD SIDES
MAY BE ENERGIZED
IF THE OPEN POSITION

ENPHASE

EAT-N

AC DISCONNECT
PROVIDES THE SYSTEM
POWER SOURCE
RATED CURRENT **150A**
VOLTAGE **120VAC**
AT 60 HZ

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

PV SYSTEM 600V METER

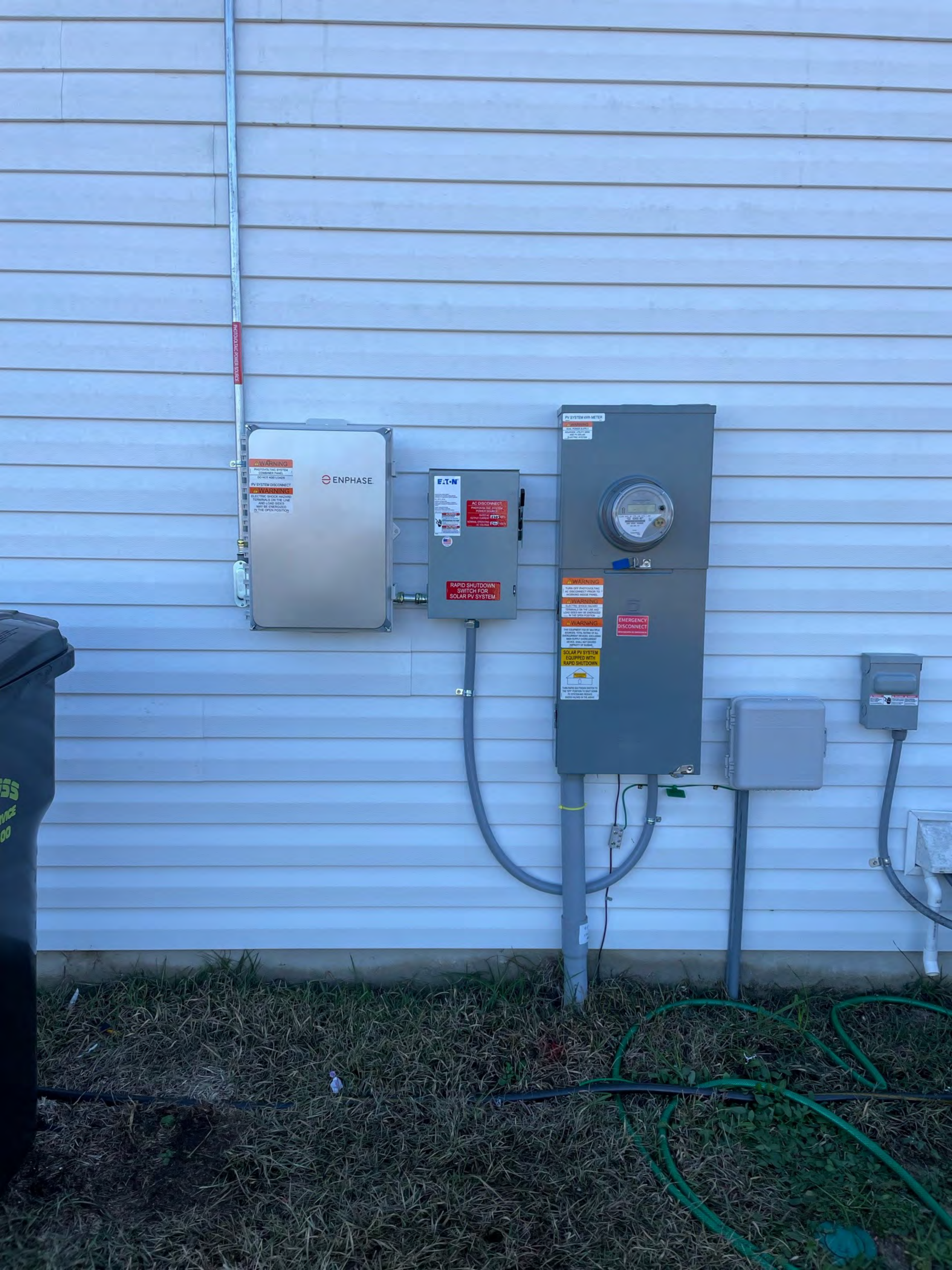
WARNING
TURN OFF PHOTOVOLTAIC
AC DISCONNECT PRIOR TO
WORKING INSIDE PANELS

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

**EMERGENCY
DISCONNECT**
PROVIDES AC DISCONNECT

Small grey electrical enclosure

Small grey electrical enclosure





TOPAZ LIQUID TIGHT CONDUIT

3/4" TOPAZ LIQUID TIGHT CONDUIT

MULTIWOODRAC POWER SOURCE

TOPAZ LIQUID TIGHT CONDUIT



IQ Gateway Summary



Connected to ENVOY_083520. Don't move your device away from IQ Gateway.

IQ Gateway Communications Gateway Report

16 Dec 2022, 04:24 PM

System

Name	Installer Reference	Owner
Lisa Blackford	NA	l.blackford909@gmail.com
Street 1	Street 2	
185 Cool Springs Road	NA	
City	State	
Lillington	NC	
Zip/Postal Code	Country	
27546	United States	

IQ Gateway

Serial number	Software version	Type
202246083520	D7.3.123 (46219e)	IQ Gateway Metered
Production Meter	Consumption Meter	Rate structure
Lifetime: 1.24 kWh Status: Normal	Lifetime: 1.57 kWh (Importing) Status: Normal	NA
Connection to Enphase Cloud	Last report to Enphase Cloud	Grid Profile
Wi-Fi	16 Dec 2022, 04:21 PM	Grid Profile : IEEE 1547 default 2015:1.0.11

23 IQ Microinverters

23 IQ Microinverters IQ8PLUS

Serial number	Last report	Power	Grid Profile
482237046759	16 Dec 2022, 04:20 PM	91 W	Set
482237042721	16 Dec 2022, 04:20 PM	76 W	Set
482237038588	16 Dec 2022, 04:21 PM	100 W	Set
482237042818	16 Dec 2022, 04:20 PM	105 W	Set

CONTINUE



Systems

Dashboard

Support

Menu



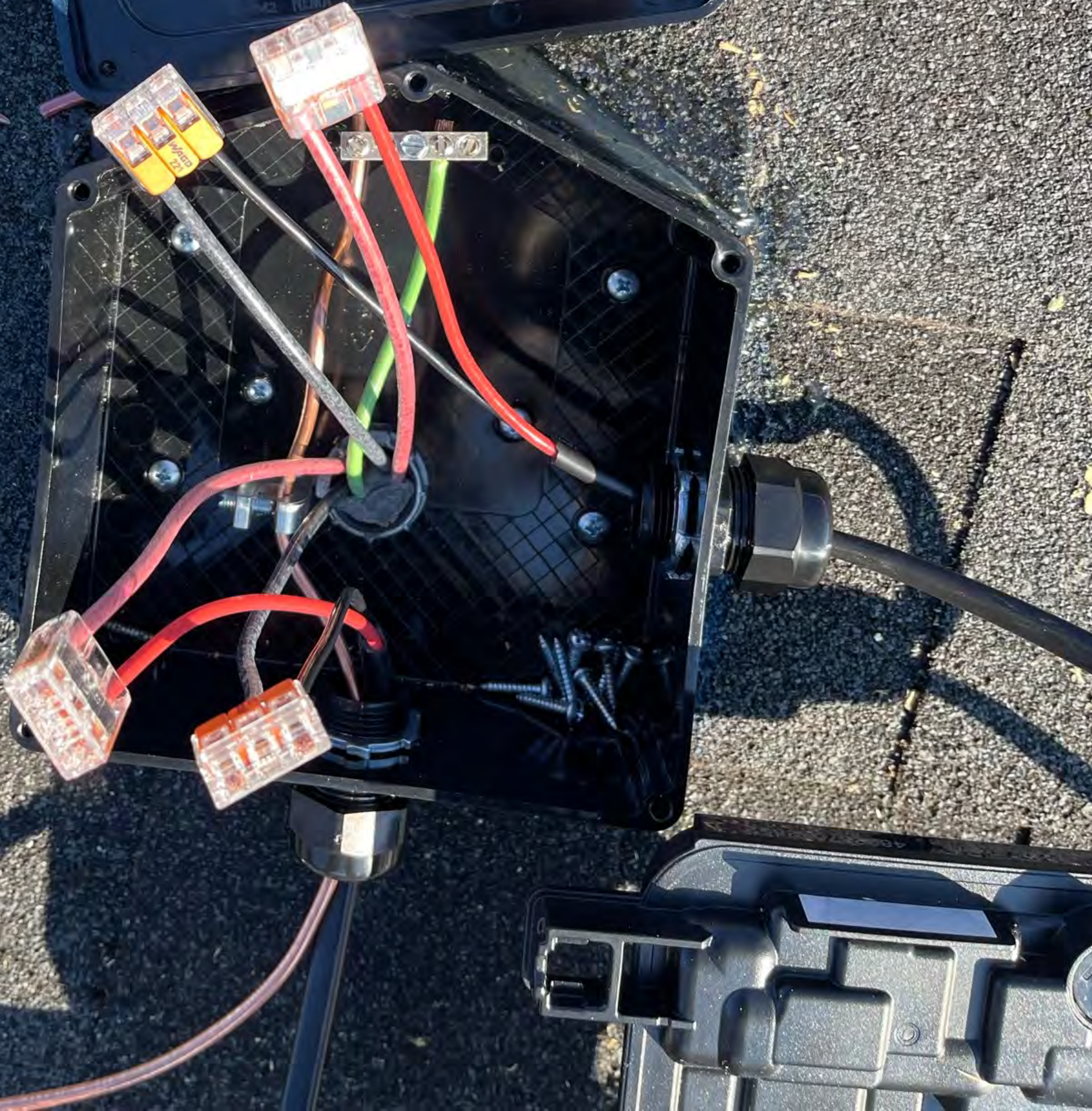


185 Cool Springs Rd, Lillington

MAX. OPERATING VOLTAGE 120V AC
MAX. OPERATING CURRENT 10A AC
MAX. OPERATING POWER 1200 VA
MAX. OPERATING TEMPERATURE 40°C

WARNING!
DO NOT REMOVE COVER OR OPEN VOLTAGE TERMINALS UNTIL EQUIPMENT IS DISCONNECTED FROM MAIN POWER AND THE PHOTO VOLTAGE IS EXHAUSTED. IF SUPPLY VOLTAGE TO THE EQUIPMENT.

REFER TO INSTALLATION MANUAL
VOLUME 100 CU INCHES
TORQUE FOR ALL SCREWS & BOLTS: 15-20 LB-IN
CONFORMS TO UL STANDARD 1741









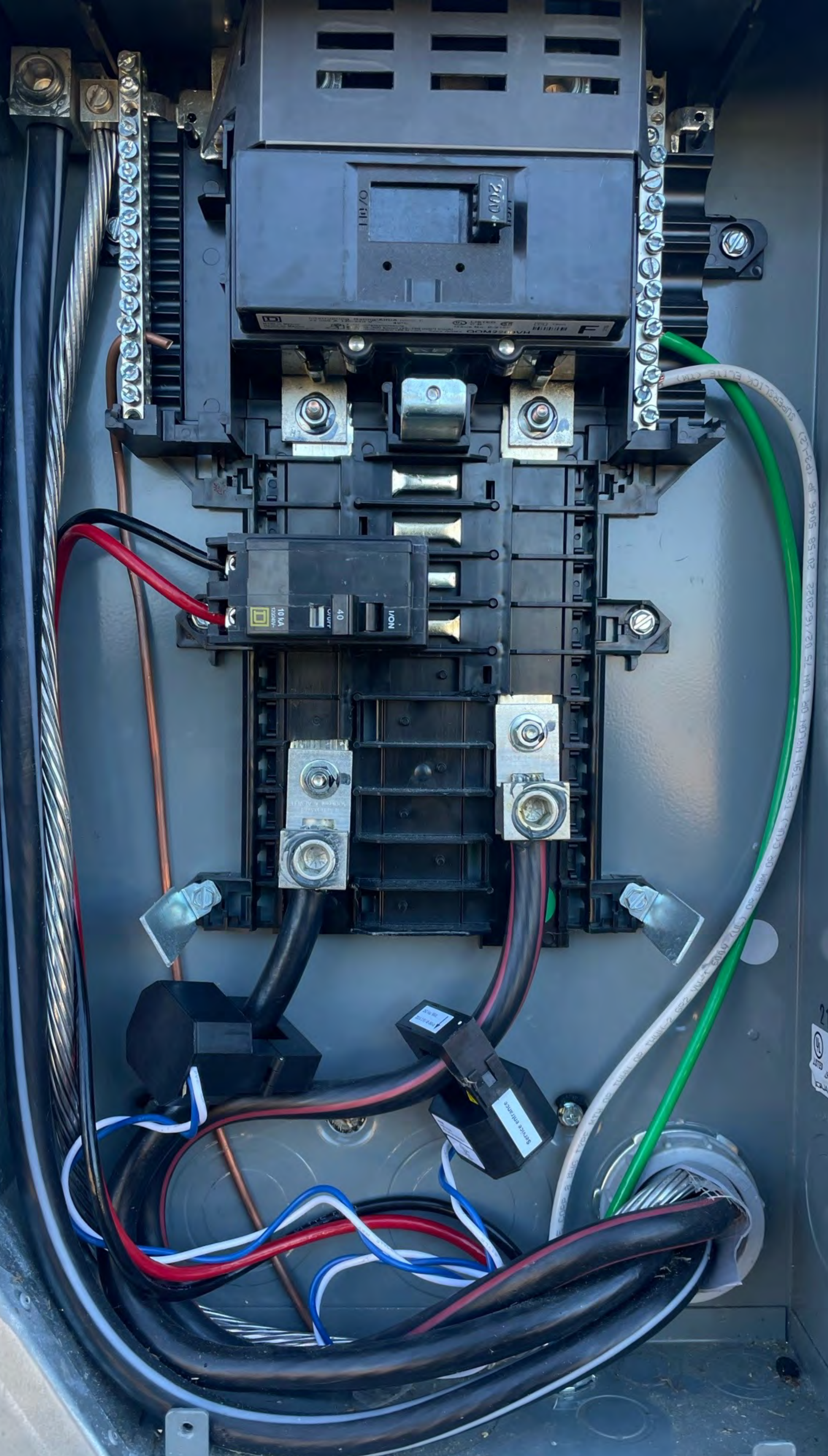
This equipment is designed and tested by Square D to performance levels which exceed Underwriters Laboratories Standards. Other than Square D, Underwriters Laboratories May not be held responsible for any safety, reliability, Square D liability. All liability for damage, injury, or non-performance caused by the use of non-Square D circuit breakers.

Allowing petroleum based paint, solvents or spray to contact the non-metallic parts of this product may adversely affect user safety and impair reliability. 4277-1465-02

ADVERTENCIA

Este equipo ha sido diseñado y probado por Square D y supera los niveles de rendimiento establecidos por Underwriters Laboratories (U.L.). El uso de interruptores automáticos que no sean de Square D puede afectar negativamente la seguridad del usuario. Underwriters Laboratories no es responsable del funcionamiento fallido del equipo causado por el uso de dispositivos de interruptores automáticos que no sean de Square D.

Al permitir que las partes no metálicas de este producto entren en contacto con pintura a base de petróleo, solventes o spray, puede afectar la seguridad del usuario y deteriorar la confiabilidad del equipo. 4277-1465-02



211133
CLASS CUL
ENCLOSURE
PANELBOARD
JULIE No. 100287
SQUARE D

WARNING



Live Status

Connected to ENVOY_083520. Don't move your device away from IQ Gateway.



1440 w

Producing



1192 w

Exporting



248 w

Consuming



Systems



Dashboard

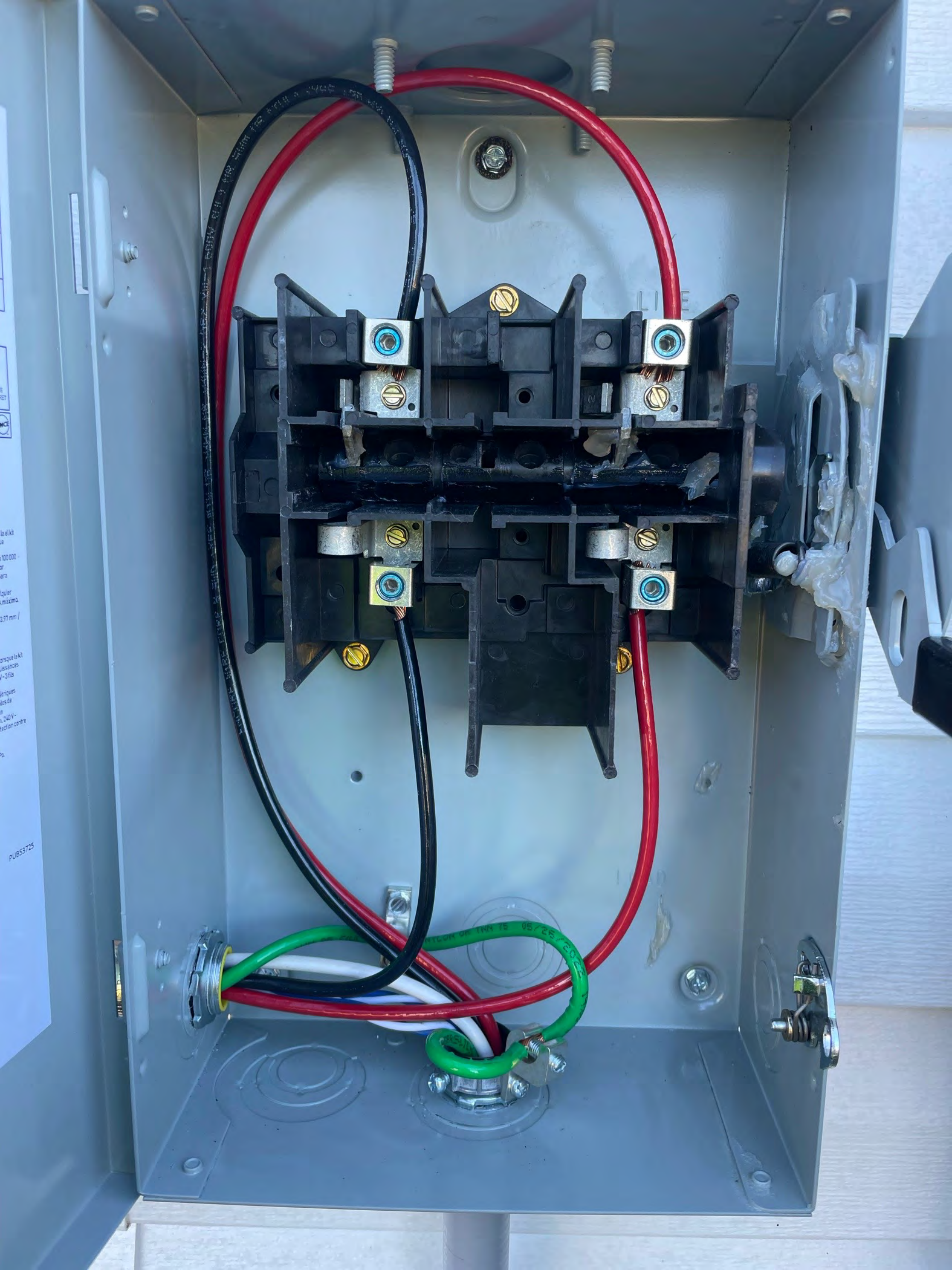


Support



Menu





le kit
ue
100 000
or
ara
liquier
à maxima
3,97 mm /
orsque le kit
issances
4-3 fils
étriques
les de
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240V -
tection contre
Pe.
PUB53725

⚠ WARNING

PHOTOVOLTAIC SYSTEM
COMBINER PANEL

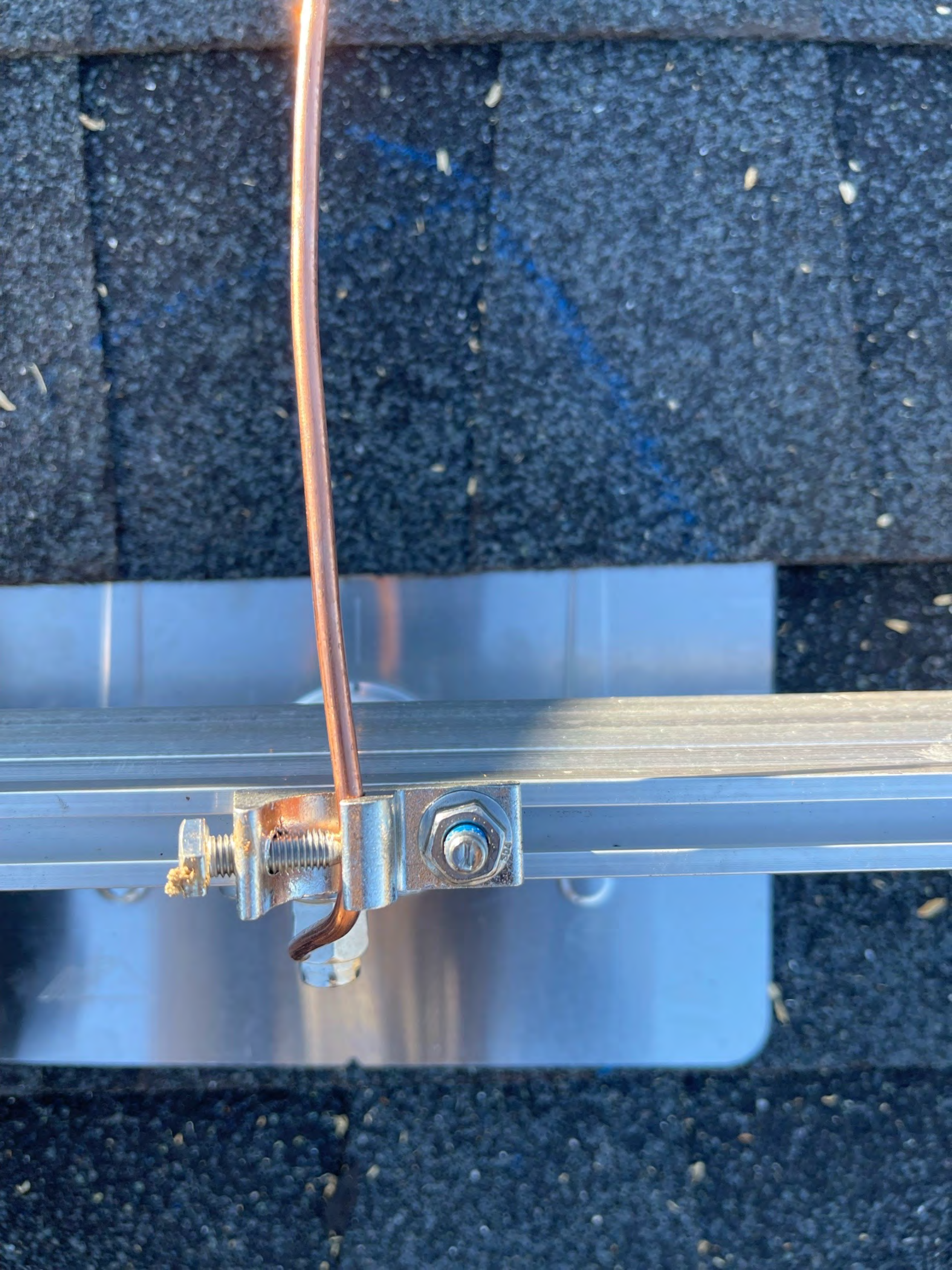
DO NOT ADD LOADS

PV SYSTEM DISCONNECT

⚠ WARNING

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

 ENPHASE®







! WARNING
WIRE IQ GATEWAY L1 AND L2 TO
IQ SYSTEM CONTROLLER 2 FOR
IQ8 GRID FORMING SYSTEMS
- INSTRUCTIONS IN IQG

! WARNING
DE-ENERGIZE ALL CIRCUITS
BEFORE INSTALLING THE
CT LEAD WIRES
(BELOW THIS DEADFRONT).
SAFETY HAZARD AND RISK OF
EQUIPMENT DAMAGE IF
INSTALLED WHILE
CIRCUITS ARE ENERGIZED

15

On/I

OFFIC

Common Trip

WIRE IQ GATEWAY
L1 AND L2 TO IQ
SYSTEM CONTROLLER 2
FOR IQ8 GRID FORMING SYSTEMS -
INSTRUCTIONS IN IQG

20

On/I

OFFIC

Common Trip

WIRE IQ GATEWAY
L1 AND L2 TO IQ
SYSTEM CONTROLLER 2
FOR IQ8 GRID FORMING SYSTEMS -
INSTRUCTIONS IN IQG

20

On/I

OFFIC

Common Trip

WIRE IQ GATEWAY
L1 AND L2 TO IQ
SYSTEM CONTROLLER 2
FOR IQ8 GRID FORMING SYSTEMS -
INSTRUCTIONS IN IQG

ENPHASE MOBILE CONNECT

WARNING:
RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER.
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT,
IT SUPPLIES AN AC VOLTAGE TO THIS EQUIPMENT.

AVERTISSEMENT:
RISQUE DE CHOC ÉLECTRIQUE. NE PAS OUVRIR LE COUVER-
POUR TOUTE RÉPARATION OU SERVICE D'ENTRETIEN,
CONSULTER UN AGENT SPÉCIALISÉ. QUAND LES
PANNEAUX PHOTOVOLTAÏQUE SONT EXPOSÉS
À LA LUMIÈRE, IL FOURNIT UNE TENSION AC À CET APPAREIL.

WARNING: HIGH VOLTAGE
AVERTISSEMENT: HAUTE TENSION

ENVOY

1

2

3

4

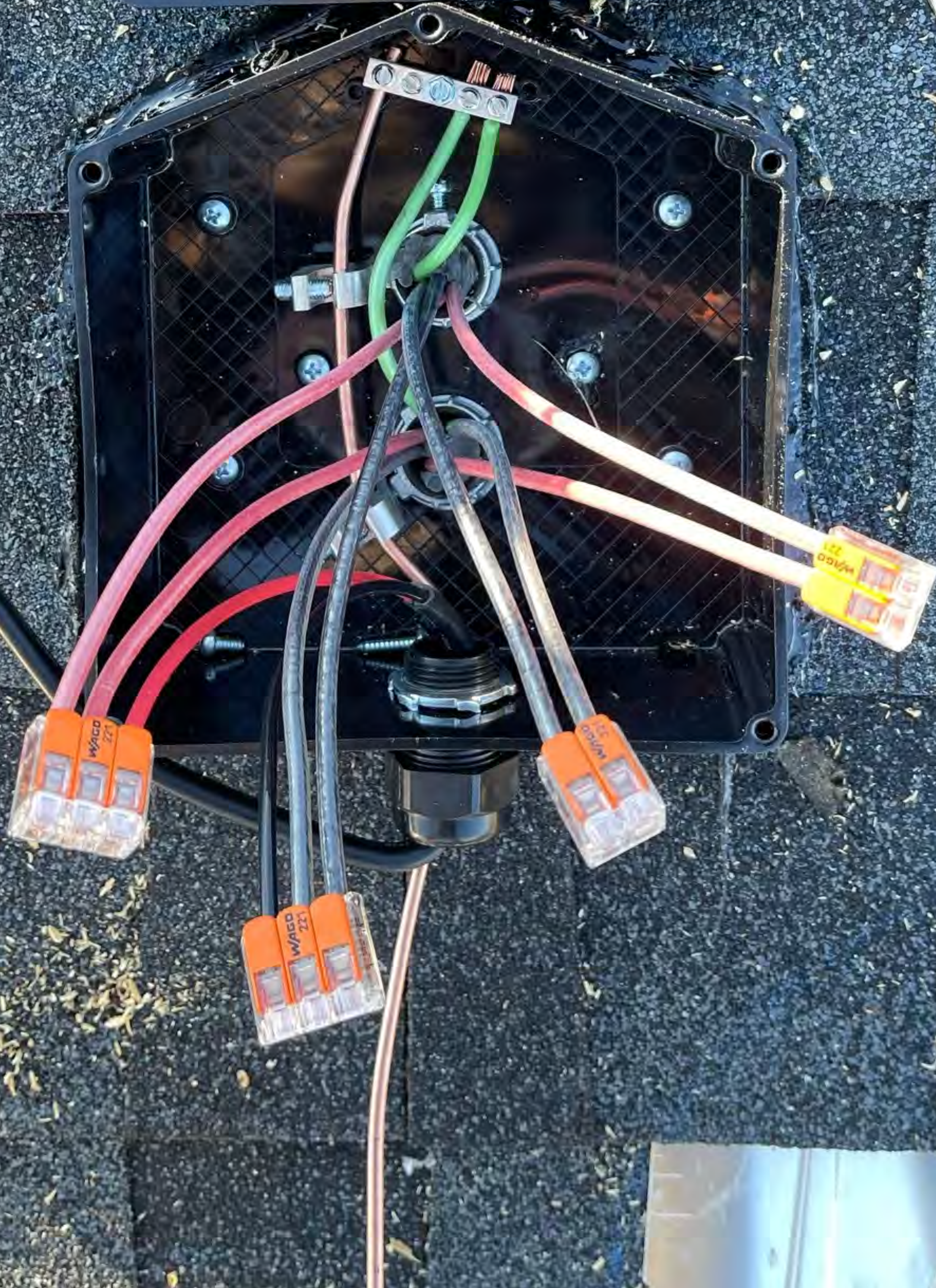
OVER

185 Cool Springs Rd, Lillington

WARNING
DO NOT TOUCH OR MOVE THE WIRING
CONNECTED TO THIS EQUIPMENT UNLESS YOU ARE
A QUALIFIED ELECTRICIAN OR A PERSON
WHOSE JOB DUTY INCLUDES THE MAINTENANCE
OF THIS EQUIPMENT.

SEE THE INSTALLATION MANUAL
VOLUME 300 CU INCHES
CHECK FOR ALL SCREWS & BOLTS 1/8"-20 UN-31
CONFORMS TO UL STANDARD 516A

NECA 3R







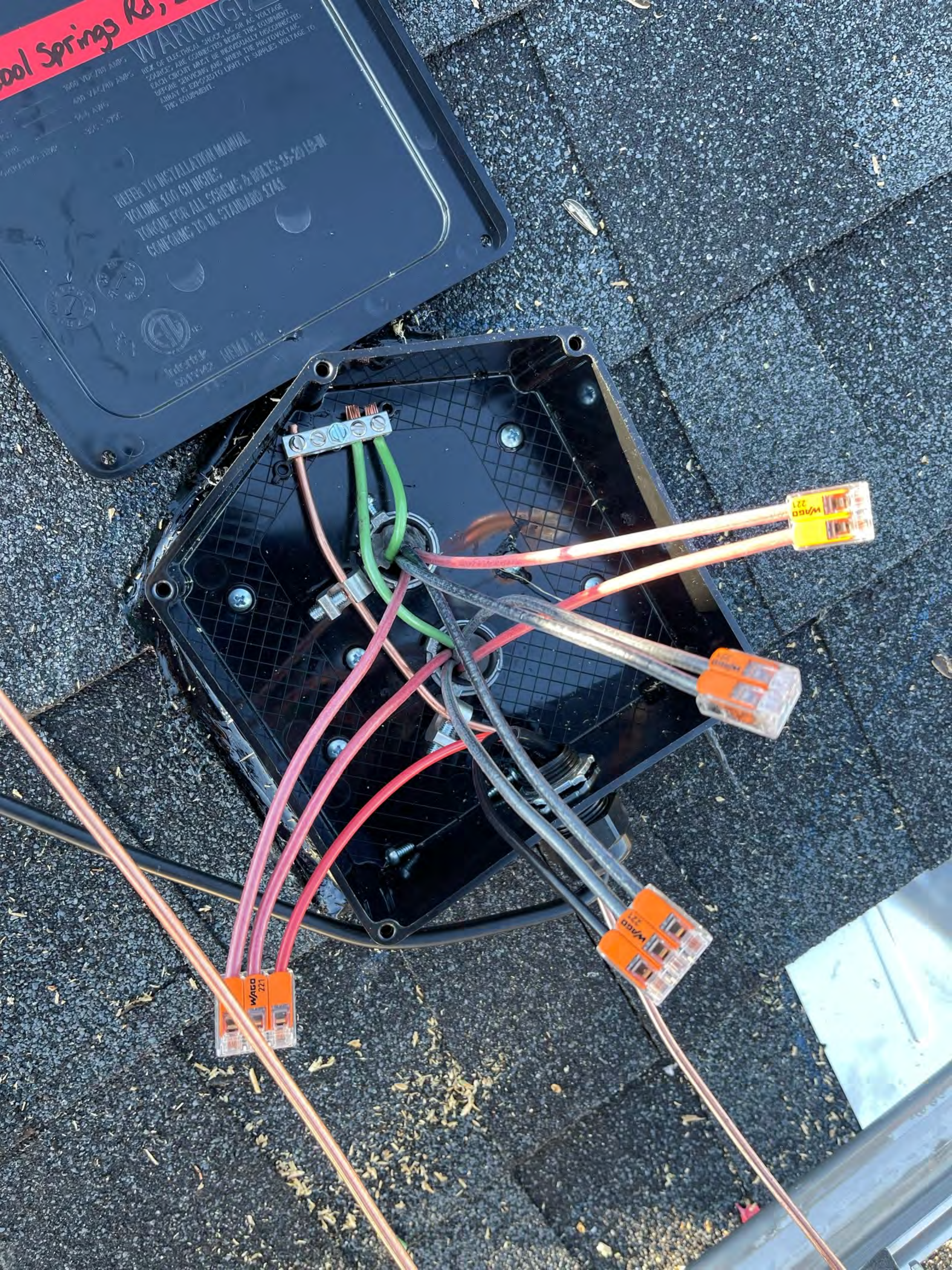
EVA
SOLAR
JB-12



ool Springs Rd,

WARNING
RISK OF ELECTRICAL SHOCK, DC OR AC VOLTAGE
SOURCE, ARE CONNECTED INSIDE THE EQUIPMENT.
EACH CIRCUIT MUST BE INDIVIDUALLY DISCONNECTED
BEFORE SERVICING AND WHEN THE PHOTOVOLTAIC
ARRAY IS EXPOSED TO LIGHT, IT SUPPLIES VOLTAGE TO
THE EQUIPMENT.

SEE THE INSTALLATION MANUAL
VOLUME 100 (9) WIRE;
TORQUE FOR ALL SCREWS: 2 INCHES: 15-20 LB-IN
CONFORMS TO UL STANDARD 574











250 VAC MAX.
200A @ 6V 48.88Hz

Service entrance

SCOPE WIRE COORD



Devices & Array

Connected to ENVOY_083520. Don't move your device away from IQ Gateway.

Note: The PV production values are typically updated every ~5 mins.



IQ Gateway

202246083520

IQ Microinverters & Array

- ✓ Scanned : 23/23
- ✓ Detected : 23/23
- ✓ Communicating : 23/23
- ⚠ Array created : 0
- ⚠ Array assigned : 0
- ✓ Producing power : 23/23
- ✓ Profile set : 23/23 (IEEE 1547 default 2015:1.0.11)

ADD DEVICE



Systems

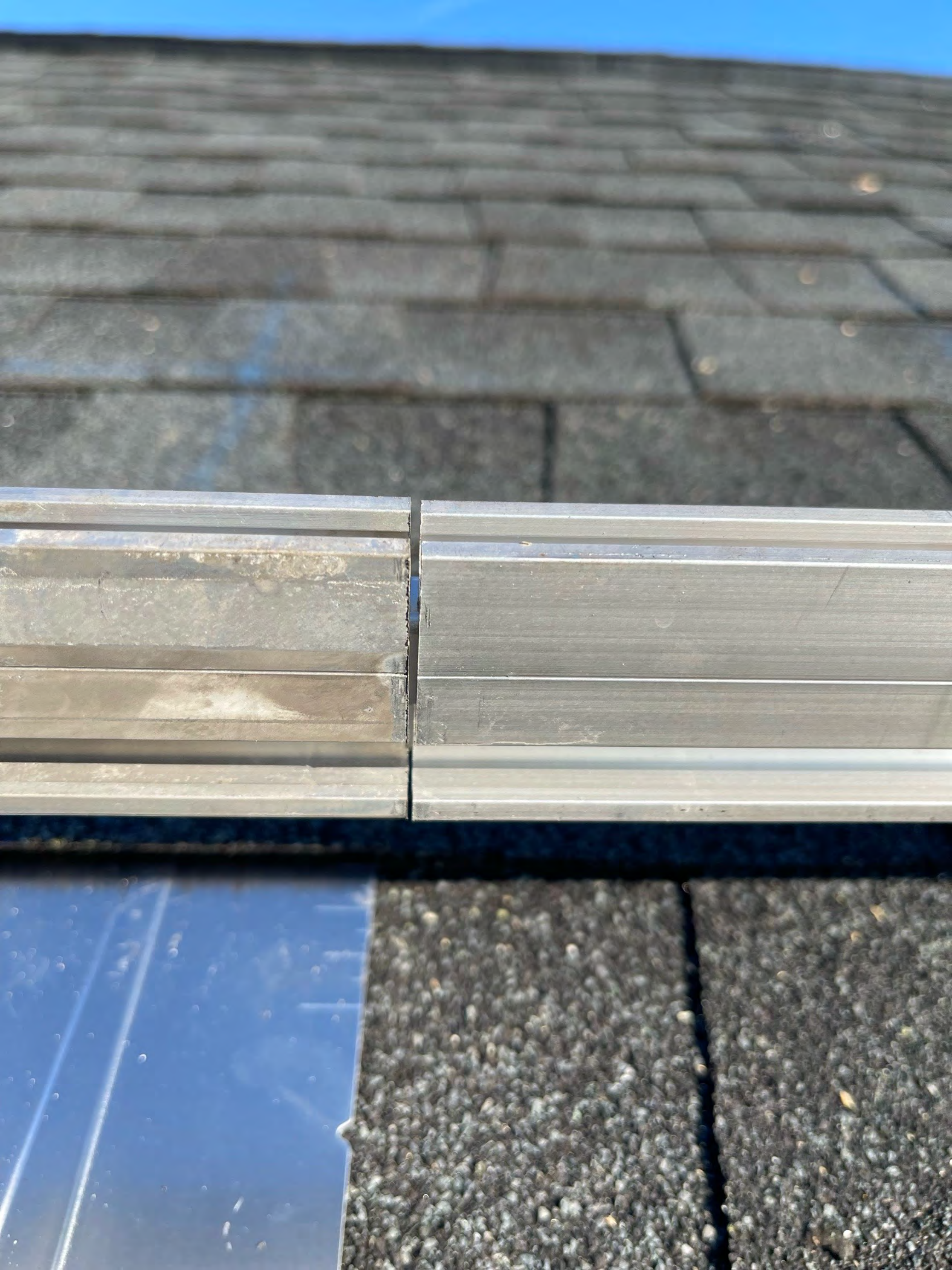
Dashboard

Support

Menu













ET
SOLAR

JB-12



EATON

General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general
60 A, 240 V~, 60 Hz
Complete ratings inside
Valeurs nominales complètes à l'intérieur
Información completa de capacidades en el interior
Further instructions inside
Autres instructions à l'intérieur
Instrucciones adicionales en el interior
Made in U.S.A. / Fabriqué aux É.-U. / Hecho en E.U.A.

⚠ DANGER
ELECTRIC SHOCK WILL CAUSE SEVERE INJURY OR DEATH.
Do not touch exposed parts. Do not work on live circuits.
TENSION ÉLECTRIQUE PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.
Ne touchez pas les parties exposées.
Ne travaillez pas sur des circuits sous tension.
⚠ PELIGRO
VOLTAJE ELÉCTRICO PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.
No toque partes expuestas.
No trabaje en circuitos con tensión eléctrica.

MADE IN U.S.A.

AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE

RATED AC OUTPUT CURRENT **23.7** AMPS
NOMINAL OPERATING AC VOLTAGE **240** VOLTS

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

ON I
OFF O

PV SYSTEM

⚠ WARNING
DUAL POWER SOURCES AND ELECTRICAL

⚠ WARNING
TURN OFF PHOTOVOLTAIC AC DISCONNECT SWITCH BEFORE WORKING INSIDE

⚠ WARNING
ELECTRIC SHOCK HAZARD. TERMINALS ON THE LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

⚠ WARNING
THIS EQUIPMENT FEEDS PHOTOVOLTAIC SOURCES. TOTAL RATED CAPACITY OF OVERCURRENT DEVICES ON MAIN SUPPLY OVERCURRENT DEVICES, SHALL NOT EXCEED THE AMPACITY OF BUS

SOLAR PV SYSTEM EQUIPPED WITH PHOTOVOLTAIC RAPID SHUTDOWN SWITCH


TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT OFF PHOTOVOLTAIC SYSTEM AND REDUCE SHOCK HAZARD IN THE AREA



PHOTOVOLTAIC POWER SOURCE

WARNING
PHOTOVOLTAIC SYSTEM
COMBINER PANEL
DO NOT ADD LOADS

PV SYSTEM DISCONNECT

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

ENPHASE

EATON

AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE

RATED AC
OUTPUT CURRENT **33A**

MINIMAL OPERATING
AC VOLTAGE **240V**

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

PV SYSTEM kWh METER

WARNING
DUAL POWER SUPPLY
SOURCE: UTILITY GRID
AND PV SOLAR
ELECTRIC SYSTEM

WARNING
TURN OFF PHOTOVOLTAIC
AC DISCONNECT PRIOR TO
WORKING INSIDE PANEL

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

WARNING
THIS EQUIPMENT FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
CAPACITY OF BUSBAR.

**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

**EMERGENCY
DISCONNECT**
RECOMBINATION DE ENERGIZACION

Grey electrical box with blue-handled pliers resting on top.



CAUTION
SOLAR CIRCUIT

LIQUID TIGHT CONDUIT









▲ CAUTION
SOLAR CIRCUIT

PV SYSTEM kWh METER

WARNING
DUAL POWER SUPPLY
SOURCES: UTILITY GRID
AND PV SOLAR
ELECTRIC SYSTEM



WARNING
TURN OFF PHOTOVOLTAIC
AC DISCONNECT PRIOR TO
WORKING INSIDE PANEL

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

WARNING
THIS EQUIPMENT FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
AMPACITY OF BUSBAR.

**SOLAR PV SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN**



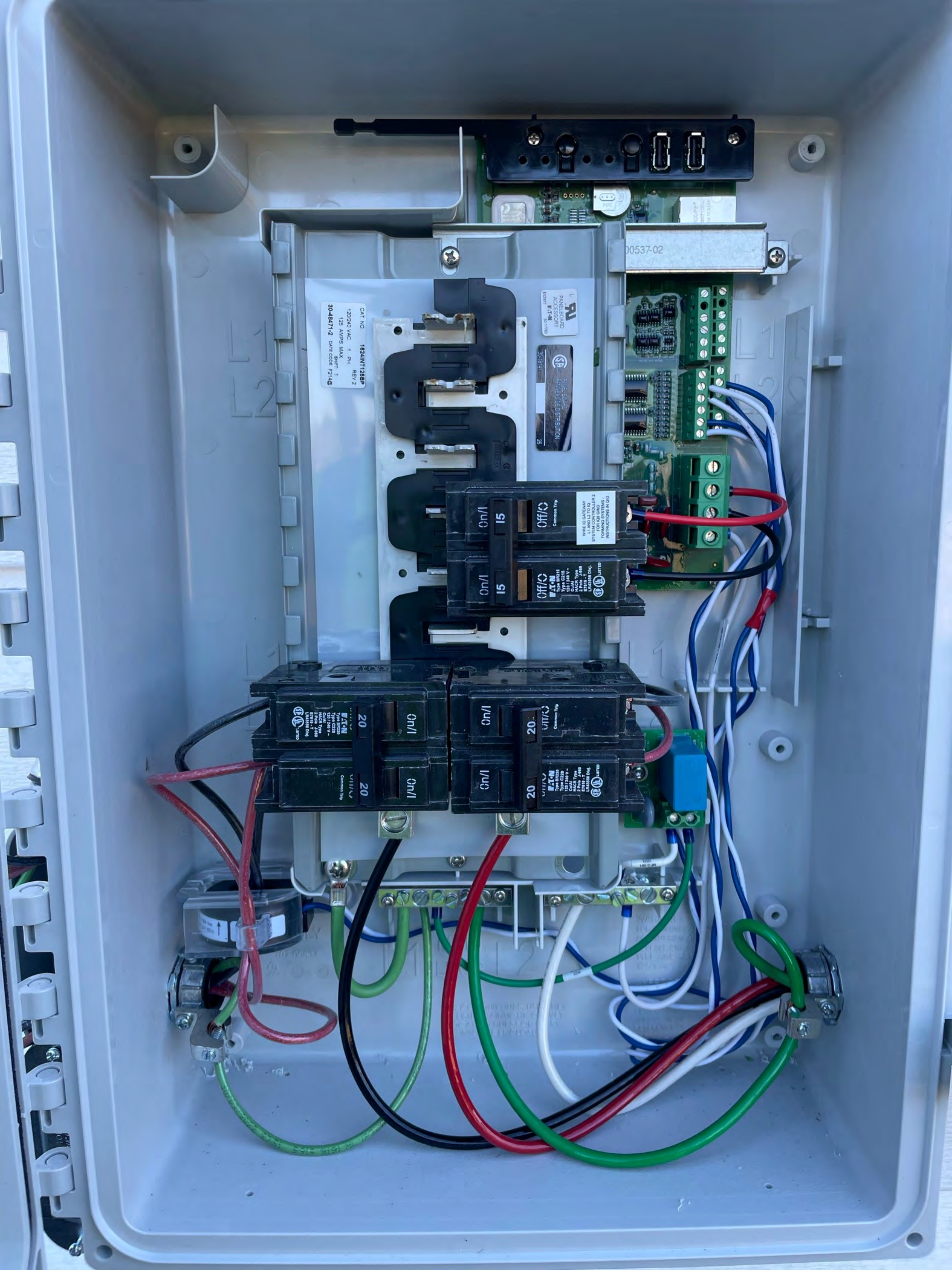
TURN RAPID SHUTDOWN SWITCH TO
THE "OFF" POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN THE ARRAY

**EMERGENCY
DISCONNECT**
DESCONEJCIÓN DE EMERGENCIA

DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE
RATED AC
CURRENT **23.7** AMPS
OPERATING
AC VOLTAGE **240** VOLTS

**SHUTDOWN
SWITCH FOR
PV SYSTEM**









001
UL
840-00397-15
250VAC 20A
+79°C 2234

UL
840-00397-15
250VAC 20A
+79°C 2234

EATON®

General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general

60 A, 240 V~, 60 Hz

Complete ratings inside
Valeurs nominales complètes à l'intérieur
Información completa de capacidades en el interior

Further instructions inside
Autres instructions à l'intérieur
Instrucciones adicionales en el interior

Made in U.S.A. / Fabriqué aux É.-U. / Hecho en E.U.A.

	⚠ DANGER HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH. <ul style="list-style-type: none">● Never operate switch with cover open.● Turn OFF power ahead of switch before doing any work inside. Replace all parts. Close cover before turning power ON.
	TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT. <ul style="list-style-type: none">● Ne jamais manœuvrer l'interrupteur lorsque le couvercle est ouvert.● Couper l'alimentation en amont de l'interrupteur avant toute intervention. Remplacer les pièces. Fermer le couvercle avant de remettre sous tension.
	⚠ PELIGRO VOLTAJE PELIGROSO. PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE. <ul style="list-style-type: none">● Nunca opere el interruptor con la cubierta abierta.● Desconectar la alimentación del interruptor antes de trabajar dentro del mismo. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el interruptor.

30-43080

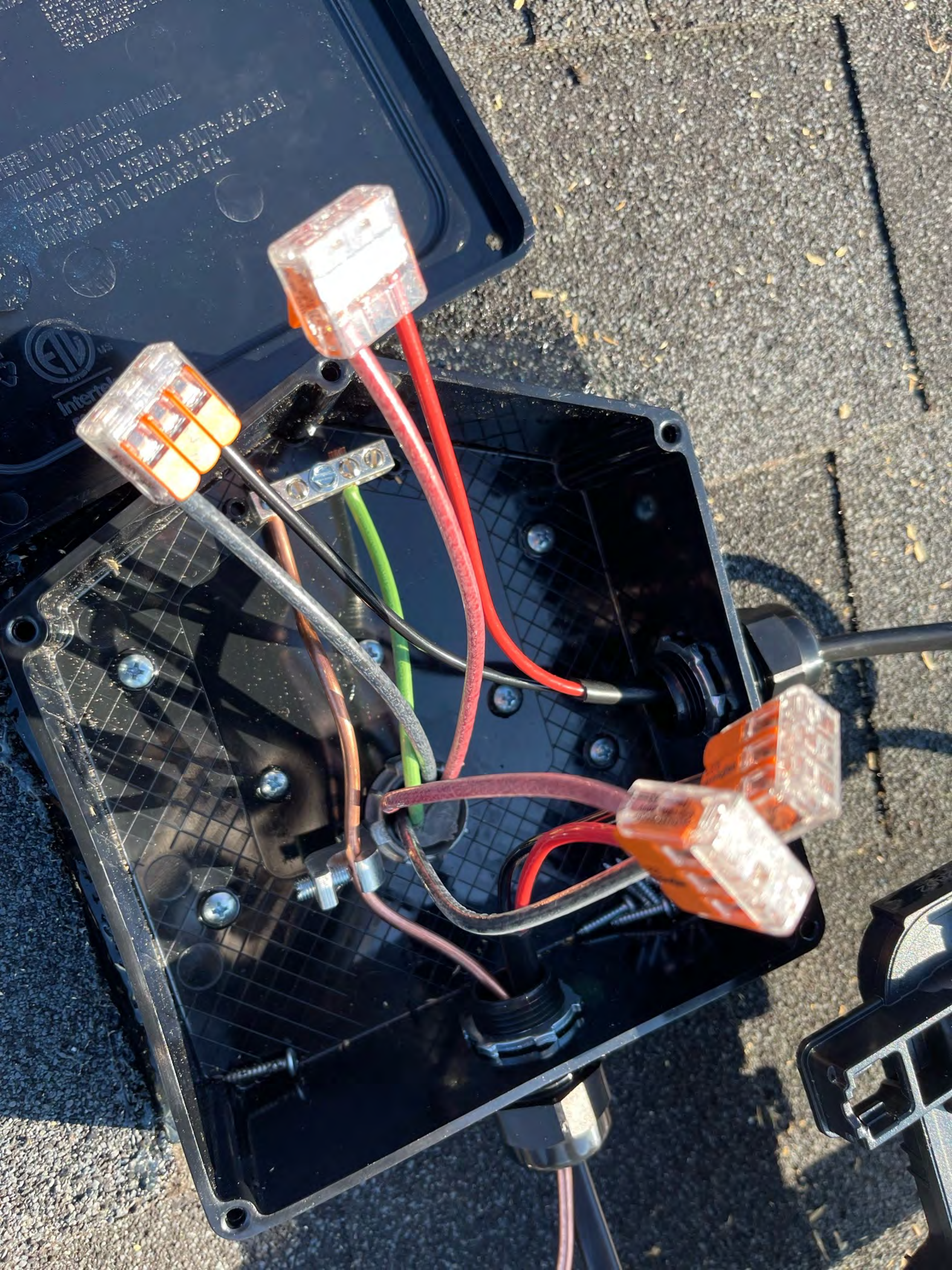




PLEASE TO INSTALL WITH MINIMUM
SPACE 100 CUNCHES
FOR ALL SEEN'S & SUPPLIES
FOR ALL TO ALL STANDARD



Intertek







PHOTOVOLTAIC POWER SOURCE









IQ Gateway Summary



Connected to ENVOY_083520. Don't move your device away from IQ Gateway.

Status: Normal	Status: Normal	100%
----------------	----------------	------

Connection to Enphase Cloud	Last report to Enphase Cloud	Grid Profile
Wi-Fi	16 Dec 2022, 04:21 PM	Grid Profile : IEEE 1547 default 2015:1.0.11

23 IQ Microinverters

23 IQ Microinverters IQ8PLUS

Serial number	Last report	Power	Grid Profile
482237046759	16 Dec 2022, 04:20 PM	91 W	Set
482237042721	16 Dec 2022, 04:20 PM	76 W	Set
482237038588	16 Dec 2022, 04:21 PM	100 W	Set
482237042818	16 Dec 2022, 04:20 PM	105 W	Set
482237042121	16 Dec 2022, 04:20 PM	108 W	Set
482237042904	16 Dec 2022, 04:20 PM	93 W	Set
482237042654	16 Dec 2022, 04:20 PM	108 W	Set
482237038618	16 Dec 2022, 04:20 PM	10 W	Set
482237042758	16 Dec 2022, 04:20 PM	109 W	Set
482237042817	16 Dec 2022, 04:20 PM	108 W	Set
482237042198	16 Dec 2022, 04:20 PM	108 W	Set
482237042525	16 Dec 2022, 04:20 PM	10 W	Set
482237042808	16 Dec 2022, 04:20 PM	106 W	Set
482237042120	16 Dec 2022, 04:20 PM	10 W	Set
482237042750	16 Dec 2022, 04:20 PM	115 W	Set
482237042788	16 Dec 2022, 04:20 PM	66 W	Set
482237042203	16 Dec 2022, 04:20 PM	11 W	Set
482237047352	16 Dec 2022, 04:20 PM	106 W	Set
482237042959	16 Dec 2022, 04:20 PM	9 W	Set
482237042874	16 Dec 2022, 04:20 PM	10 W	Set
482237042949	16 Dec 2022, 04:20 PM	10 W	Set
482237042545	16 Dec 2022, 04:20 PM	94 W	Set
482237042852	16 Dec 2022, 04:20 PM	93 W	Set

Generated by Installer Toolkit
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CONTINUE

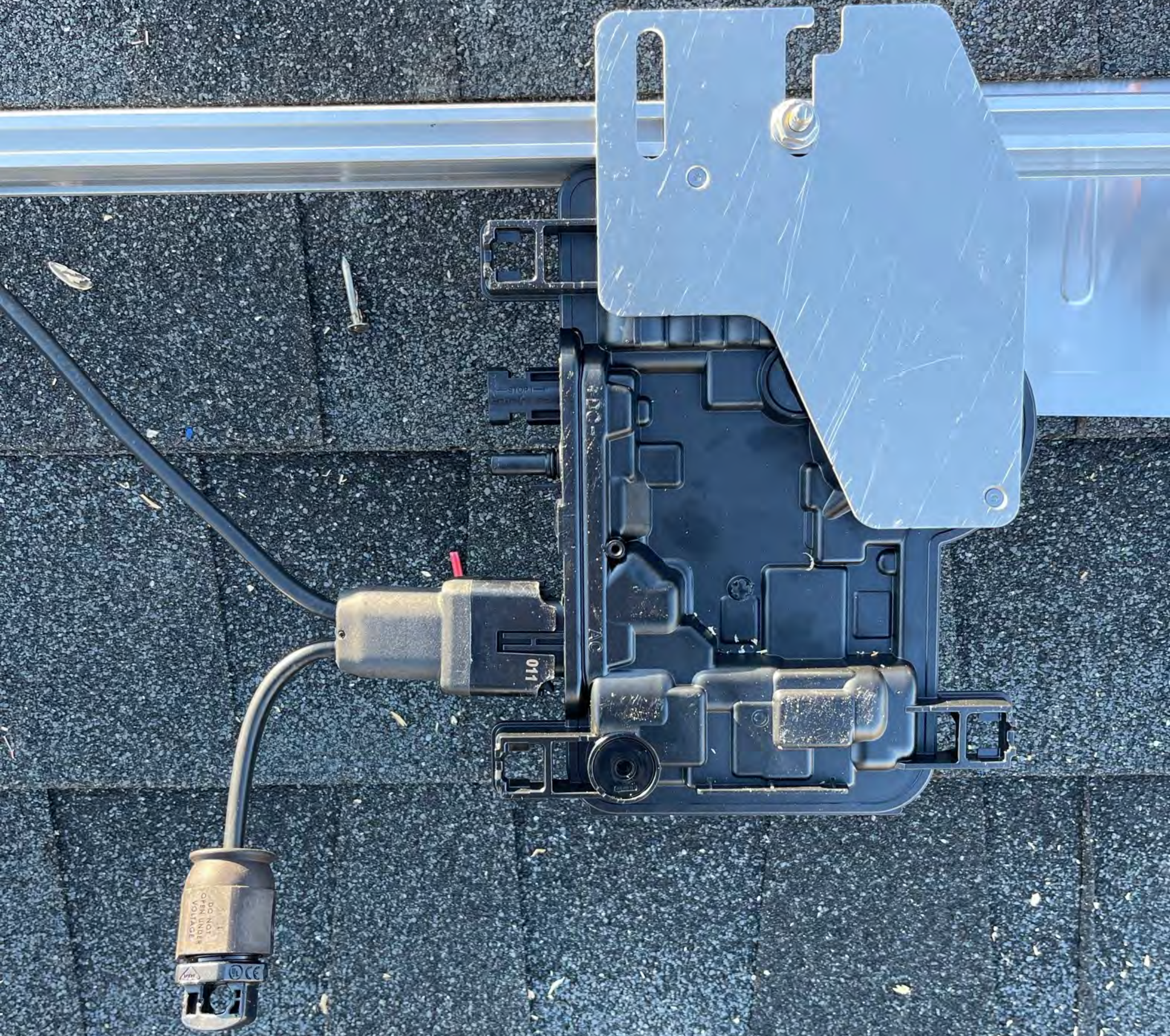


Systems

Dashboard

Support

Menu



DO NOT
OPEN UNDER
VOLTAGE

UL CE

011

AC



185

(855) 997-1213
TOPTIERSOLARSOLUTIONS.COM

(855) 997-1213
TOPTIERSOLARSOLUTIONS.COM

FAMILY OWNED
AMERICAN MADE

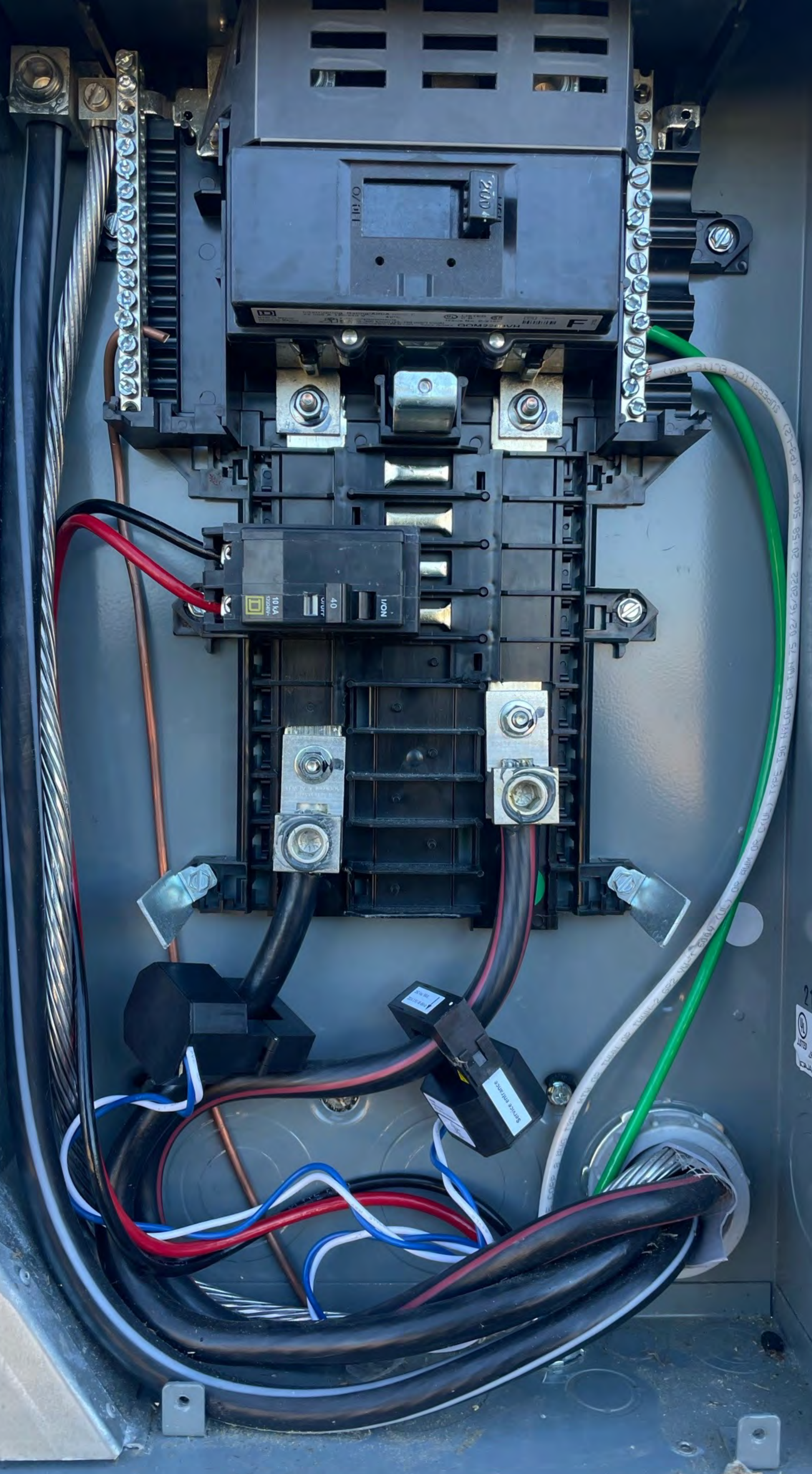
This equipment is designed and tested by Square D to performance levels which exceed Underwriters Laboratories Standards. Other than Square D, Underwriters Laboratories May not be held responsible for any safety, reliability, Square D liability. All liability for damage, injury, or non-performance caused by the use of non-Square D circuit breakers.

Allowing petroleum based paint, solvents or spray to contact the non-metallic parts of this product may adversely affect user safety and impair reliability. 4277-1465-02

ADVERTENCIA

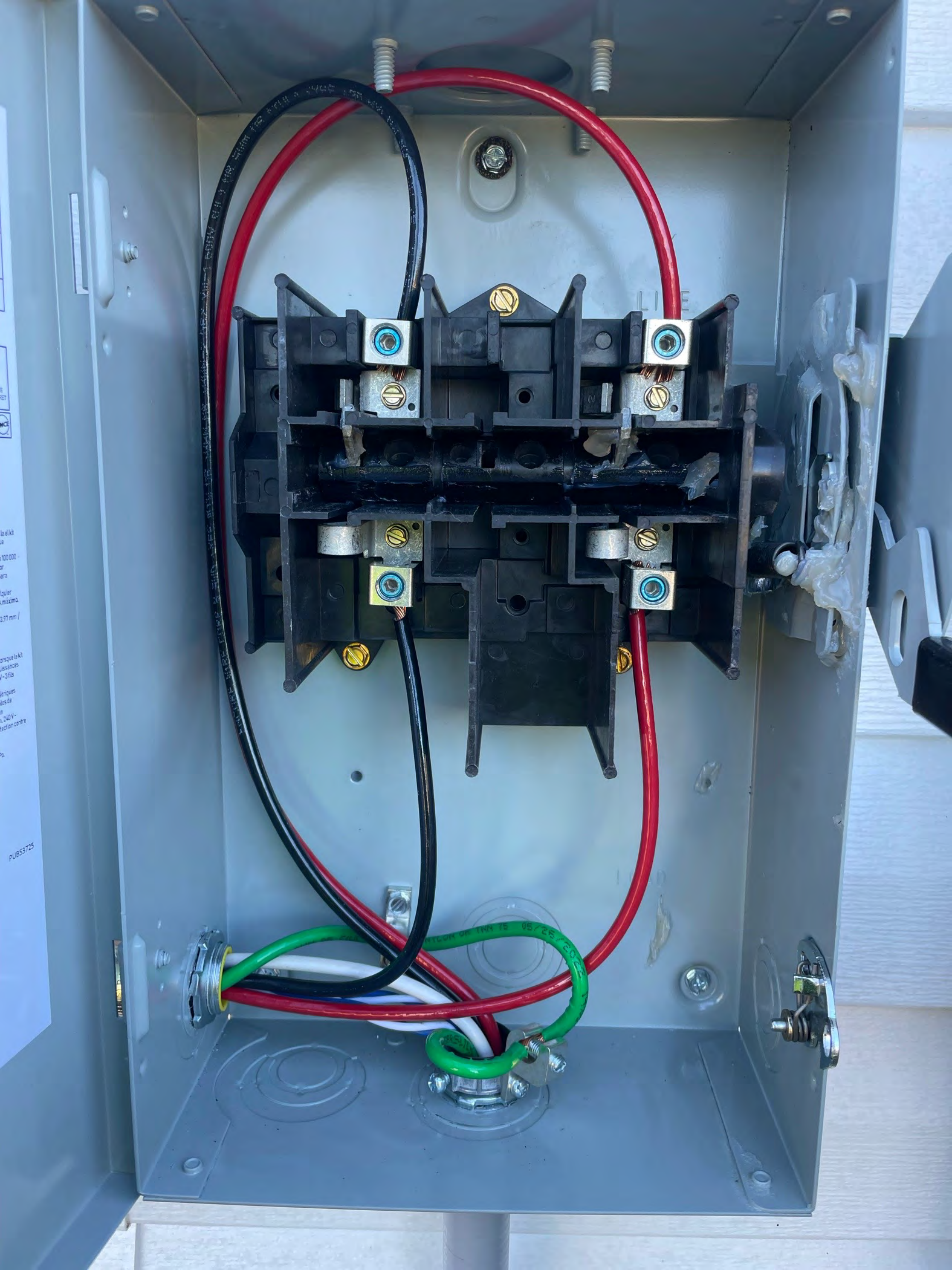
Este equipo ha sido diseñado y probado por Square D y supera los niveles de rendimiento establecidos por Underwriters Laboratories (U.L.). El uso de interruptores automáticos que no sean de Square D puede afectar negativamente la seguridad del usuario. Underwriters Laboratories no es responsable del funcionamiento fallido del equipo causado por el uso de dispositivos de interruptores automáticos que no sean de Square D.

Al permitir que las partes no metálicas de este producto entren en contacto con pintura a base de petróleo, solventes o spray, puede afectar la seguridad del usuario y deteriorar la confiabilidad del equipo. 4277-1465-02



211133
CLASS CUL
ENCLOSURE
PANELBOARD
JULIE No. 100207
SQUARE D

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IQ Combiner 4

Photovoltaic
Combiner Box
X-IQ-AM1-240-4



Electrical ratings


Voltage 240VAC, 60Hz
DG Breakers 80A MAX (combined)
DG Inputs 64A MAX (combined)
Output 65A MAX, 90A MAX feeder OCPD
Temperature 46°C MAX ambient
For DG breaker, use only Eaton BR series.


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Dedicated solar and DG Combiner Box - do not add loads
10 AMP or 15 AMP IQ Gateway Breaker not used for backfeed

Connection	Wire sizes	Torque	
DG Breaker (1, 2, 3, 4)	14-10 AWG	2.2 Nm (20 lb-in)	
	8 AWG	2.8 Nm (25 lb-in)	
	6-4 AWG	3.0 Nm (27 lb-in)	
60A Circuit Breaker only	4-1/0 AWG	5.0 Nm (45 lb-in)	
IQ Gateway Breaker	14-10 AWG	2.26 Nm (20 lb-in)	
Neutral and ground	Large screw	2-1/0 AWG 14-3 AWG	5.6 Nm (45 lb-in) 5.1 Nm (45 lb-in)
	Small screw	6 AWG 8 AWG 10-14 AWG	3.6 Nm (32 lb-in) 2.6 Nm (23 lb-in) 2.3 Nm (20 lb-in)
Main lug	10-4 AWG	5.0 Nm (45 lb-in)	
	3-2/0 AWG	5.6 Nm (50 lb-in)	

Copper conductors only, rated min. 75°C.
Follow NFPA 70 (NEC), or CSA C22.1 part 1, and all local codes.
For DG Breakers larger than 20A, use wire insulated for 90°C
based on 75°C ampacities.

Designed in California and New Zealand
Made in Mexico



36" FIRE PATHWAY

18" FIRE SETBACK

18" FIRE SETBACK

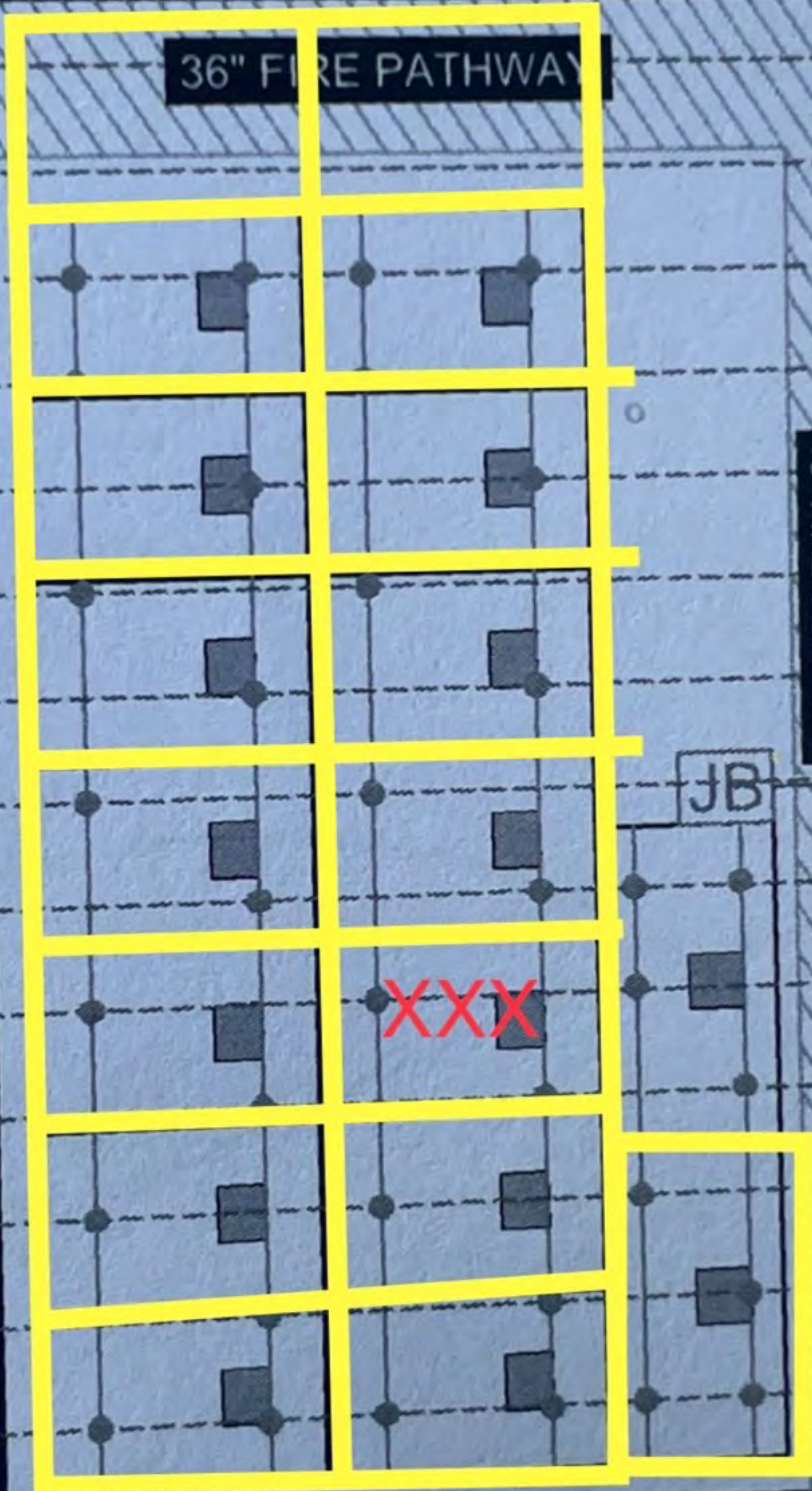
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36"

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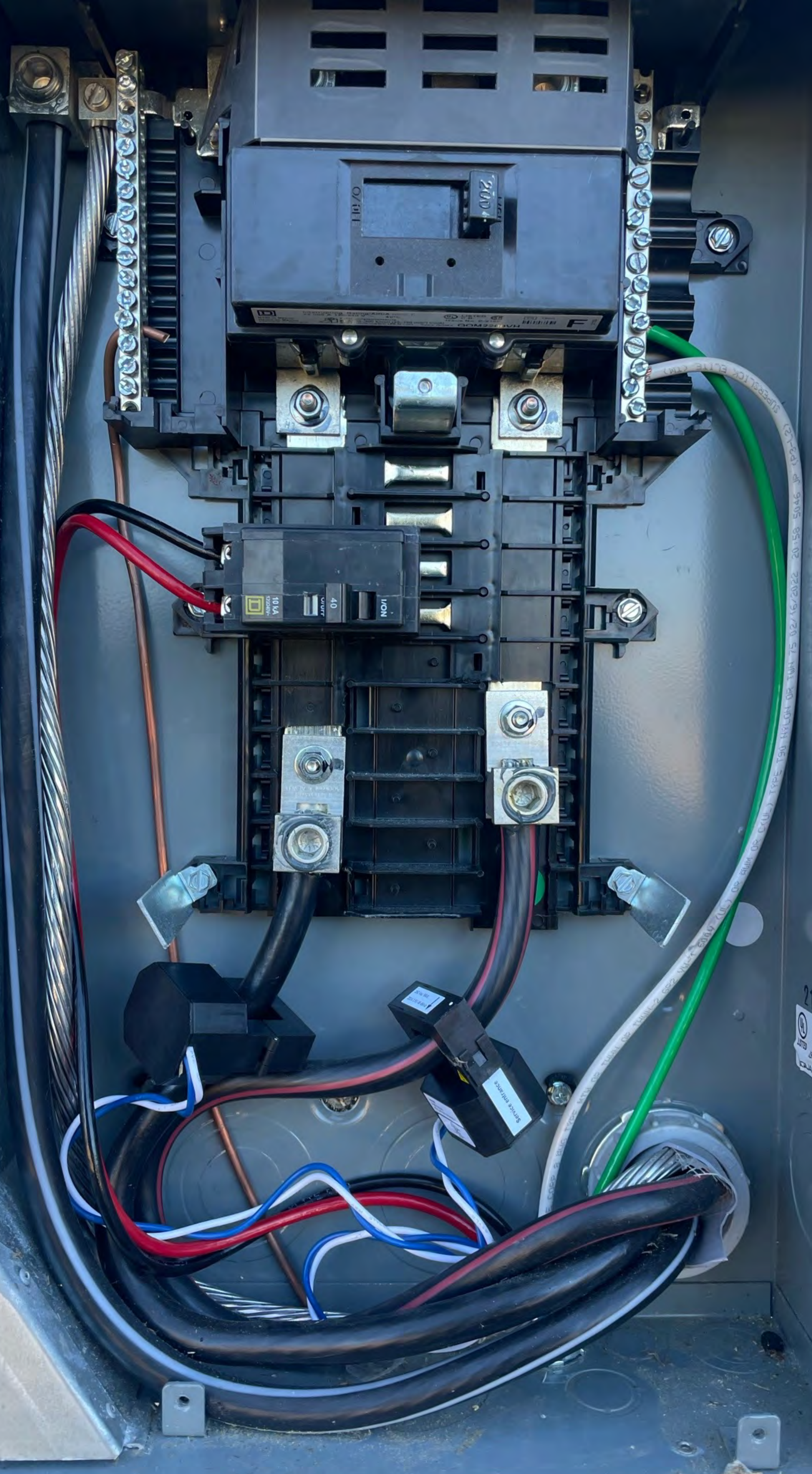
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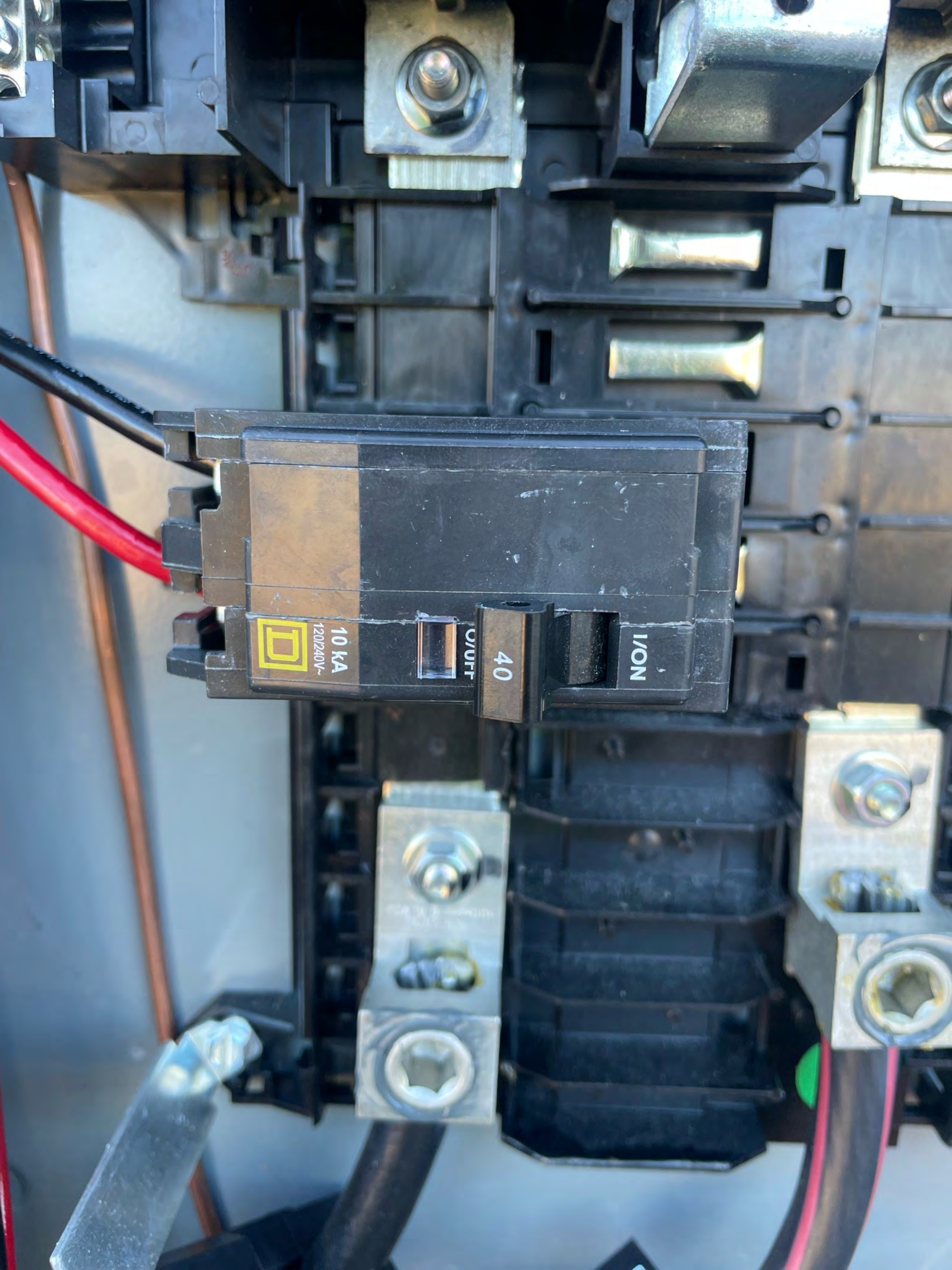
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211133
CLASS CUL
ENCLOSURE
PANELBOARD
JULIE No. 100207
SQUARE D

WARNING





10 KA
120/240V~

OFF

40

ON

36" FIRE PATHWAY

18" FIRE SETBACK

18" FIRE SETBACK

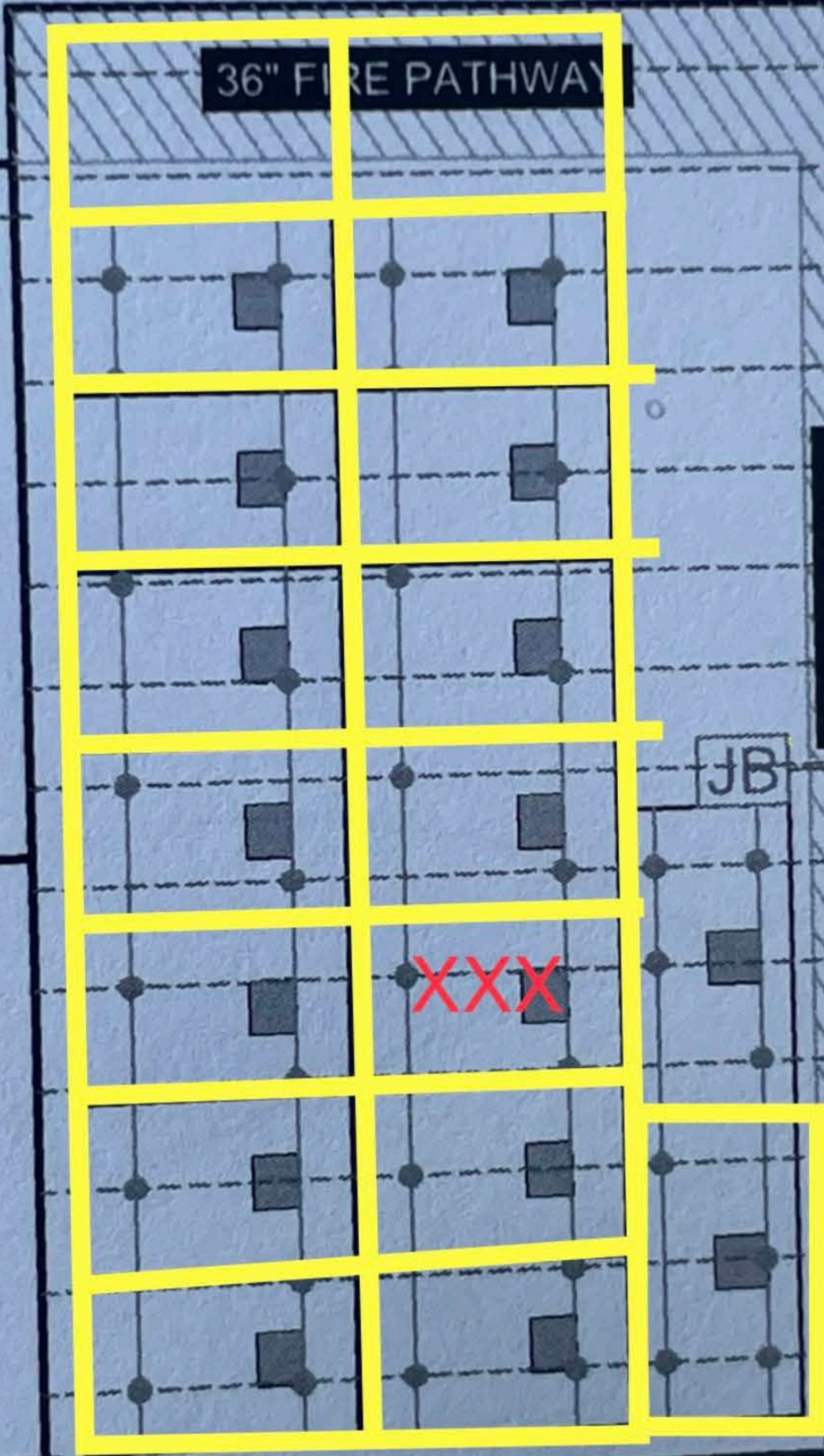
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36"

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Lisa blackford

168+
380 Panels

