



ar edge SE6000H-US
Grid Support Utility Interactive
Inverter - Isolated Photovoltaic Inverter

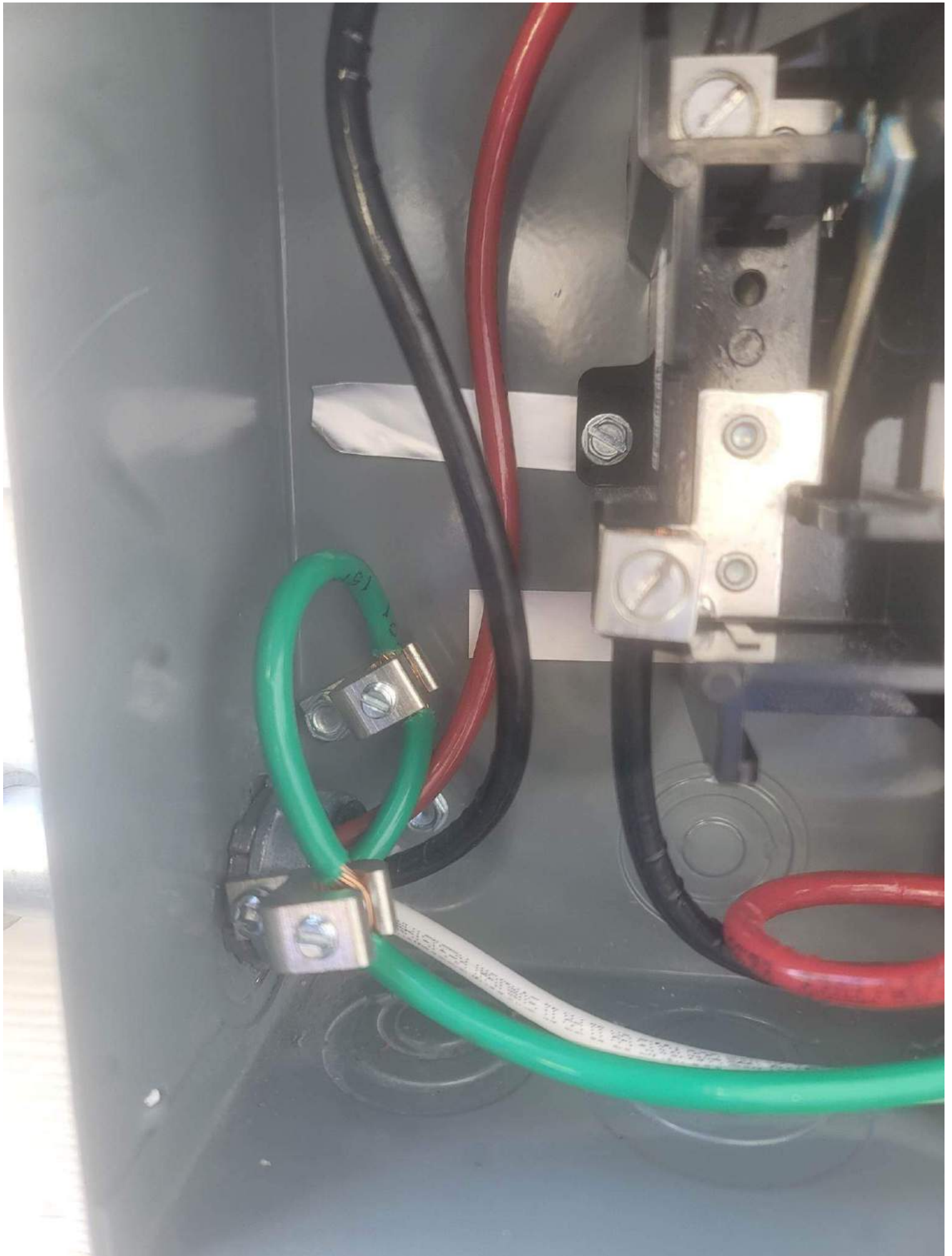
Operating Voltage Range 270 - 480Vac
Input Current 18.5Aac
Continuous Output Power 5000Wac @ 208V 6000Wac @ 240V
Voltage Min - Nom - Max 180 - 208 - 229Vac
211 - 240 - 264Vac
Max Continuous Output Current 24Aac @ 208V 25Aac @ 240V
Max Output Fault Current 72Aac
Max Utility Backfeed Current 0Aac
Frequency Min - Nom - Max 59.3 - 60.0 - 60.5Hz
Output Power Factor +/- 0.85 - 1
Max Ambient Temperature 60 C
Enclosure IP65 / Type 3R
With Integrated ground fault protection per NEC 690.35 (C)
Type I Photovoltaic Arc-Fault Circuit-Protector
COMPLIES WITH SUPPLEMENTAL INTERCONNECTION REQUIREMENTS
Wi-Fi Password: C623NdYy
Activation: Vio7 Grvg MLGt S2q0 ExFi Cfg Rml -

WiFi MAC:
84:D6:C5:42:2E:83
ZigBee MAC:



PN: SE6000H - US0008NU4
SN: SM4022 - 074108BC7 - D6

RAPID



CAUTION
PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED

WARNING
PV SOURCE CIRCUIT

- | | |
|----------------------------------|-----------------------------------|
| LAUNDRY LIGHTS
<i>Hall 45</i> | CIRCUIT 1 |
| MASTER BATH LIGHTS | CIRCUIT 1 |
| GARAGE GFI AND EXTERIOR RECEP | |
| GARAGE LIGHTS | KITCHEN SINK GFI RECEP |
| HALL LIGHTS/RECEP | MICROWAVE |
| GARAGE DR. OPENER GFI RECEP | |
| BATH GFI RECEP | DINING LIGHT
<i>Nook Fryer</i> |
| BONUS LIGHTS/RECEP | KITCHEN LIGHTS |
| FAMILY LIGHTS AND RECEP | BED 1 LIGHTS/RECEP |
| BED 4 LIGHTS/RECEP | BED 2 LIGHTS/RECEP |
| DINING RECEP
<i>Nook</i> | KITCHEN FRIDGE GFI RECEP |
| DISPOSAL | WASHER |
| DISHWASHER | ELECTRIC HEAT ATIC |
| AIR CONDITION 1 | DRYER |
| AIR CONDITION 1 | DRYER |
| ELECTRIC HOT WATER | RANGE |
| ELECTRIC HOT WATER | RANGE |

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

30 28 26 24 22 20 18 16 14 12 10 8 6 4 3

27 25 23 21 19 17 15 13 11 9 7

MAIN PRINCIPAL

CAUTION
TAIC SYSTEM CIRCUIT IS BACKFED 8

40
40
20
20
15

TYPE HOM
TPO 10 kA
120/240 V-

LISTED
C.B.

ISSUE NO. DR-5872
MACR TYPE TPO CARR

TYPE HOM
TPO 10 kA
120/240 V-

LISTED
C.B.

ISSUE NO. DR-5872
MACR TYPE TPO CARR

TYPE HOM
TPO 10 kA
120/240 V-

LISTED
C.B.

ISSUE NO. DR-5872
MACR TYPE TPO CARR

TYPE HOM
TPO 10 kA
120/240 V-

LISTED
C.B.

ISSUE NO. DR-5872
MACR TYPE TPO CARR

29
27
25
23
21





WARNING
ELECTRICAL SHOCK HAZARD
DO NOT TOUCH THE WIRING OR TERMINALS
UNLESS YOU ARE A QUALIFIED ELECTRICIAN
OR YOU HAVE BEEN TRAINED AND
LICENSED TO DO SO.

WARNING
THIS SERVICE METTER
IS ALSO SERVED BY A
PHOTOVOLTIC SYSTEM

WARNING
ELECTRICAL SHOCK HAZARD
DO NOT TOUCH THE WIRING OR TERMINALS
UNLESS YOU ARE A QUALIFIED ELECTRICIAN
OR YOU HAVE BEEN TRAINED AND
LICENSED TO DO SO.

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

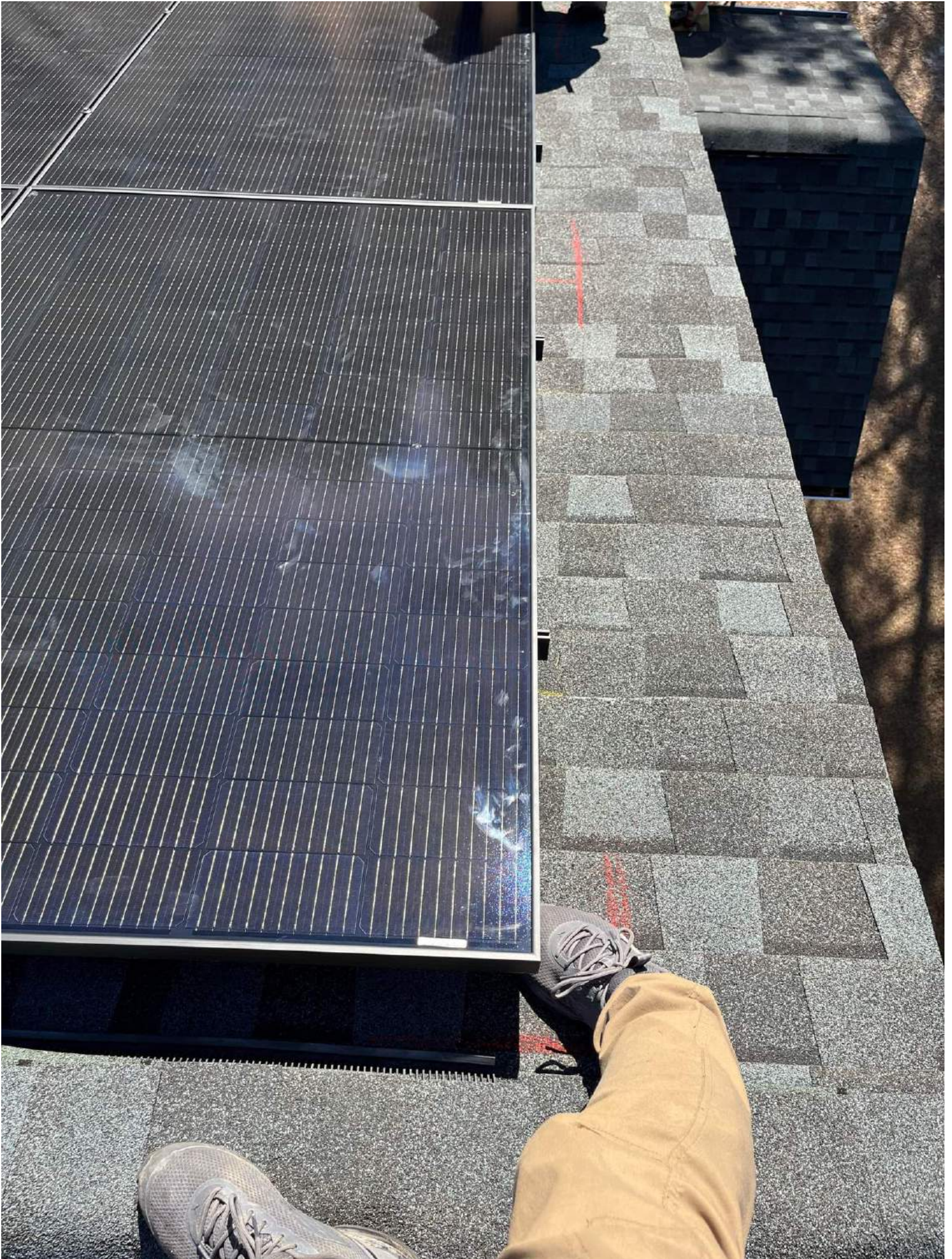
SUN RAPID SHUTDOWN
TRIPPED TO THE "OFF"
POSITION TO
SAFELY WORK ON THE
SYSTEM. DO NOT
CONTACT THE WIRING
OR TERMINALS
UNLESS YOU ARE
LICENSED TO DO SO.

solaradoc HD wave

**PHOTOVOLTIC
SYSTEM
DISCONNECT**

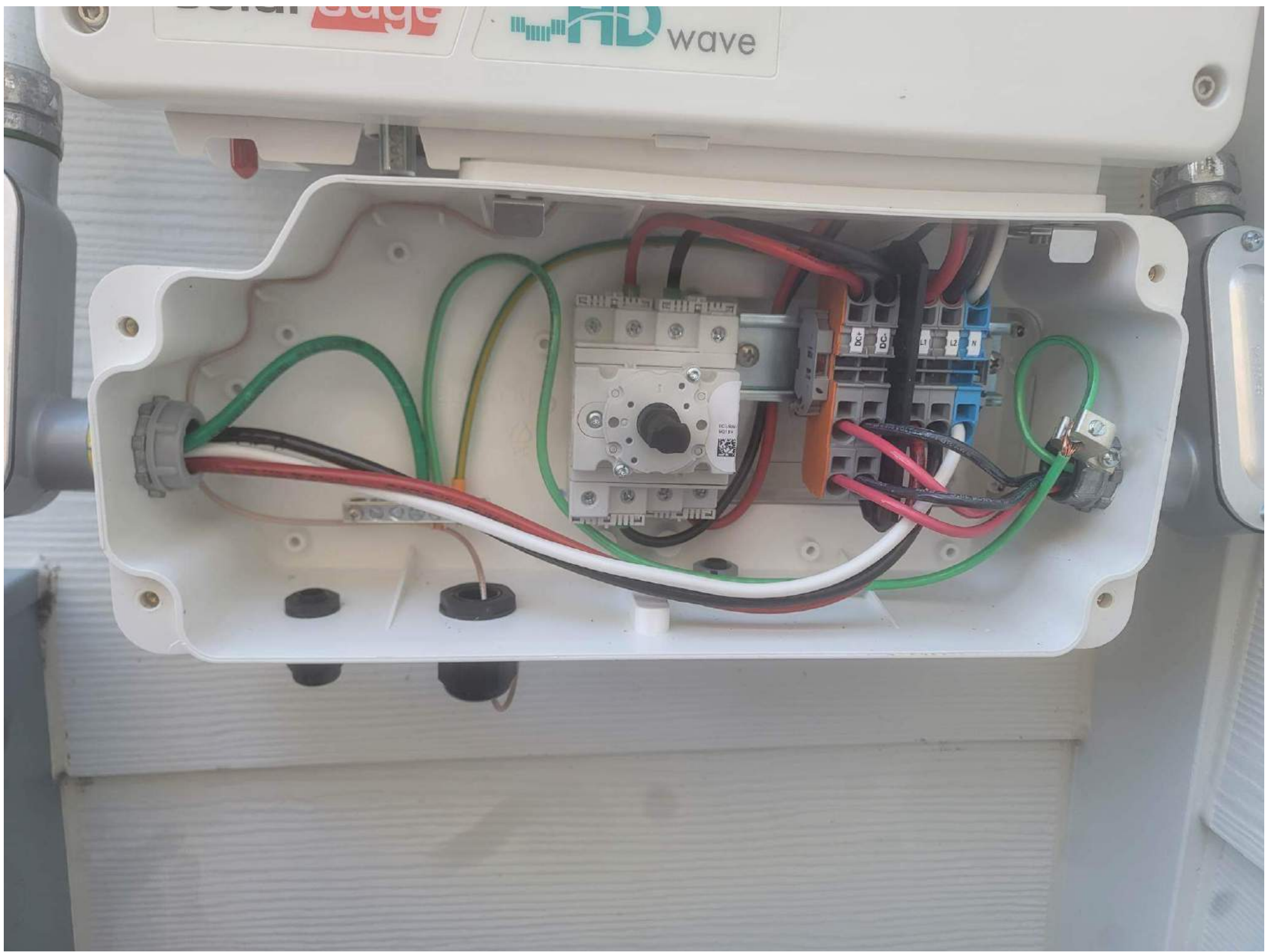
OFF

**PHOTOVOLTIC SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN**



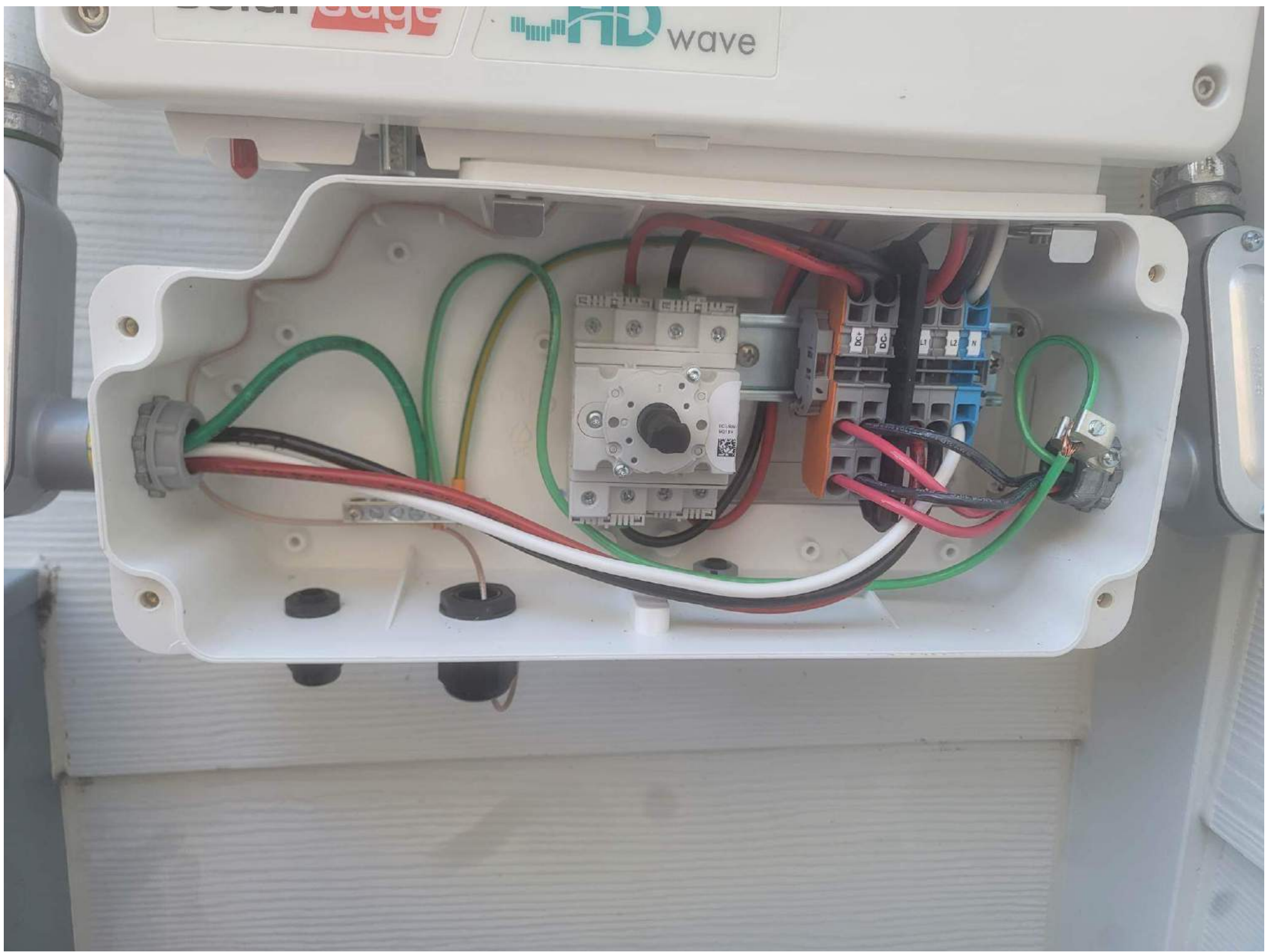
edge

HD wave



edge

HD wave



MAXIMUM VOLTAGE _____
MAXIMUM CIRCUIT CURRENT _____
MAX RATED OUTPUT CURRENT OF
THE CHARGE CONTROLLER
OR DC-TO-DC CONVERTER
(IF INSTALLED) _____
596-03942

⚠ WARNING
ELECTRICAL SHOCK HAZARD
IF A GROUND FAULT IS INDICATED
NORMALLY GROUNDED CONDUCTORS
MAY BE UNGROUNDED AND ENERGIZED
596-03942

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

<p>TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN CONDUCTORS OUTSIDE THE ARRAY. CONDUCTORS WITHIN ARRAY REMAIN ENERGIZED IN SUNLIGHT</p>	
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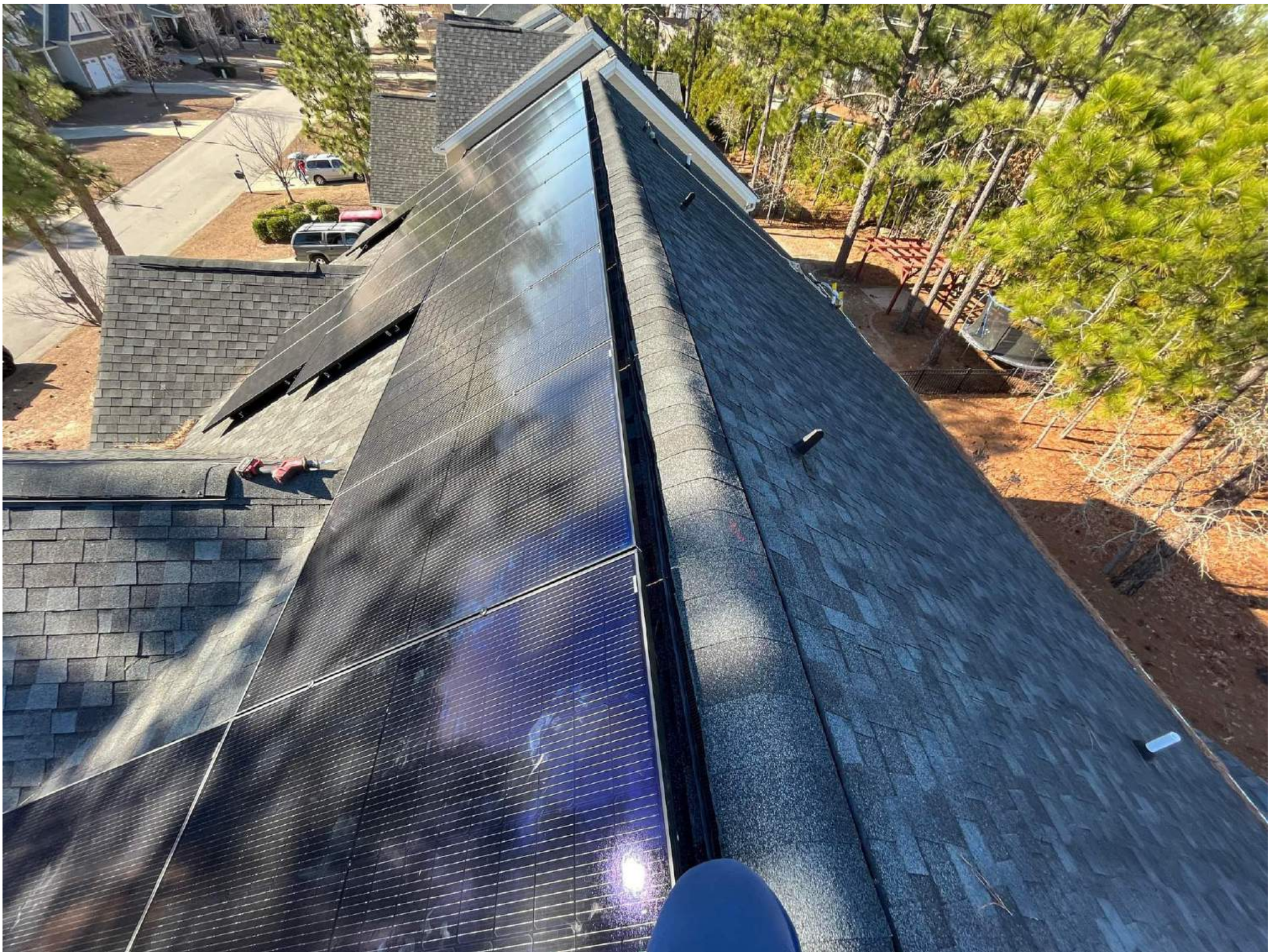
596-03942

solaredge

HD wave

PHOTOVOLTAIC
DC DISCONNECT

ON



EZS
SOLAR

JB-1.2

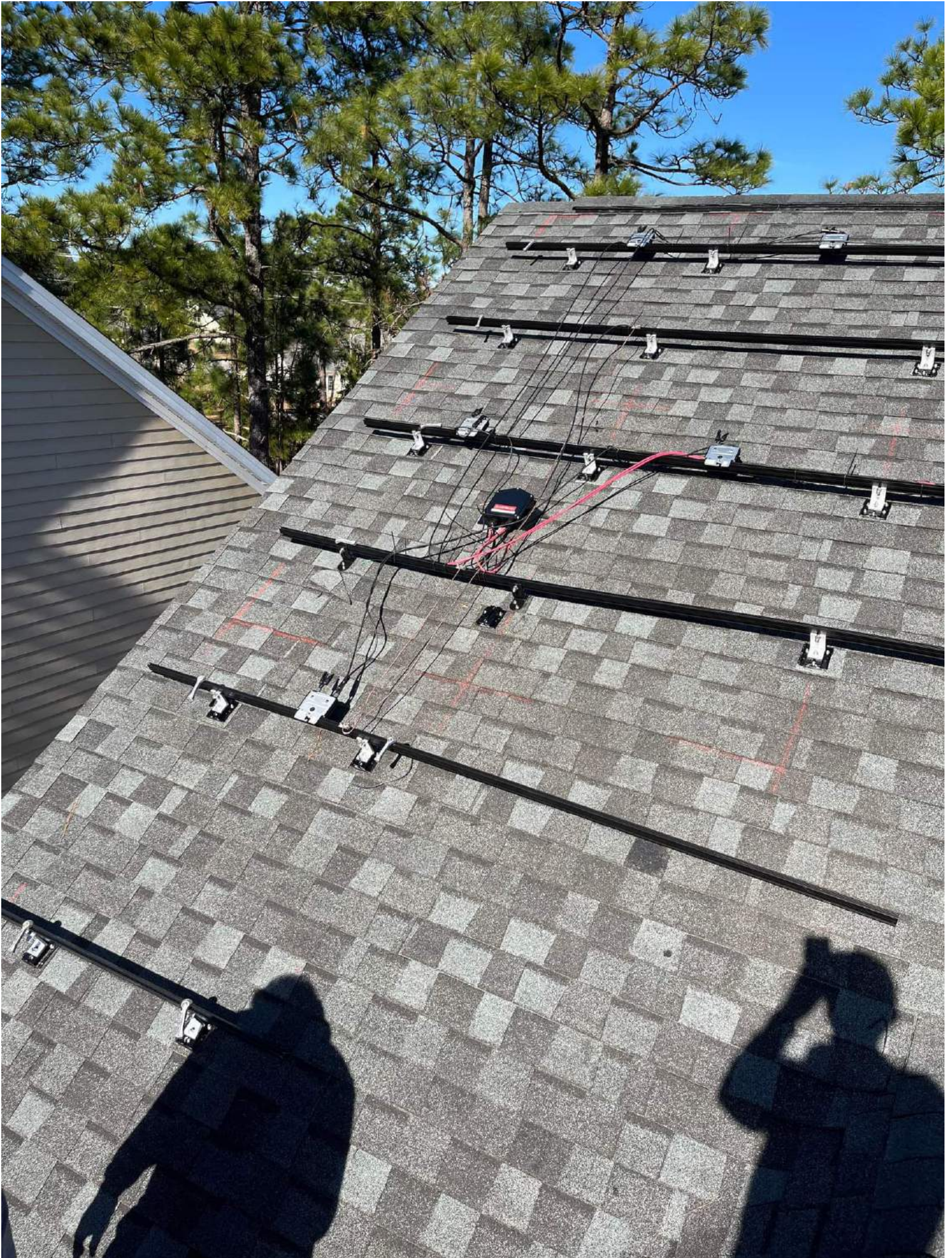
DC JUNCTION BOX

596-03942

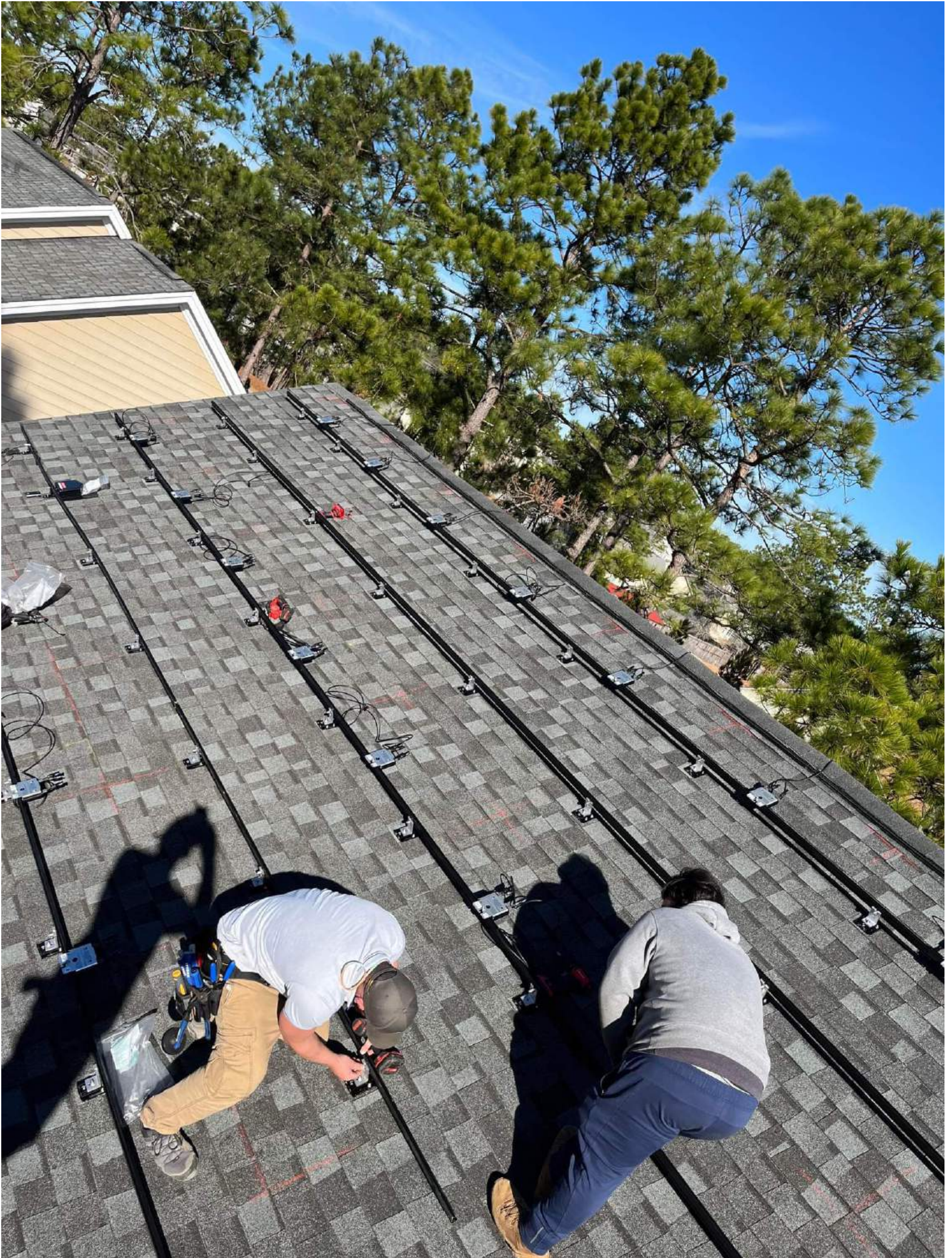
nabiha isaq 8.0kw
932 micahs wy n spring lake nc











AVERTISSEMENT
RISQUE DE CHOC ELECTRIQUE: QUAND LE CHAMP PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE, UNE TENSION CC EST FOURNIE A CET EQUIPEMENT. REDUIRE LES RISQUES DE BRULURES LE COURANT DE RETOUR INJECTE PAR LE CONVERTISSEUR EN CAS DE DEFAILLANCE DANS LE MODULE PV EST TOUJOURS NUL.

ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC MODULE AND MAY BE ENERGIZED.

BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER, REDUCE THE DC VOLTAGE TO PV MODULE WITH A VOLTAGE TO NOT TOUCH. DO NOT TOUCH. ALWAYS EXPOSED TO

P1

FC

Do Not Remove 154B3C55-F1



Intertek 4004590
Solaredge Technologies GmbH/
Werner-Eckert-Strasse 6/81829 Munich/Germany

PHOTOVOLTAIC AC DISCONNECT

MAXIMUM AC OPERATING CURRENT:

240

NOMINAL OPERATING AC VOLTAGE:

30

596-03942



**GENERAL DUTY
SAFETY SWITCH**
**INTERRUPTOR DE
SEGURIDAD DE
SERVICIO GENERAL**
60 A
240 Vac / V-



⚠ DANGER / PELIGRO

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O
DESTELLO POR ARQUEO**

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Never operate energized switch with door open. Keep door fastened.
- Turn off switch before removing or installing buses or making load side connections.
- Always use a properly rated voltage sensing device at all line and load bus clips to confirm switch is off.
- Turn off power supplying switch before doing any other work on or inside switch.
- Do not use removable link fuses in fused switches. Failure to follow these instructions will result in death or serious injury.
- To lock out switch, place padlock loop through hole in lockplate and hole in handle.
- Utilice equipo de protección personal (EPP) apropiado y siga las prácticas de seguridad eléctrica establecidas por su Compañía (consulte la norma NFPA 70E).
- Solo el personal eléctrico especializado deberá instalar y prestar servicio de mantenimiento a este equipo.
- Nunca haga funcionar el interruptor con la puerta abierta cuando esté energizado. Mantenga la puerta asegurada.
- Desenergice el interruptor antes de extraer o instalar buses o de hacer conexiones en el lado de carga.
- Siempre utilice un dispositivo de tensión nominal adecuado en los clips para buses de los lados de carga y línea para confirmar la desenergización del interruptor.
- Desenergice el interruptor antes de realizar cualquier otro trabajo en el interruptor.
- No utilice fusibles de cinta removibles en los interruptores de fusible. El incumplimiento de estas precauciones podrá causar la muerte o lesiones serias.
- Para bloquear el interruptor, pase la llave del candado por el agujero en la placa de identificación y el agujero en la palanca.

⚠ WARNING

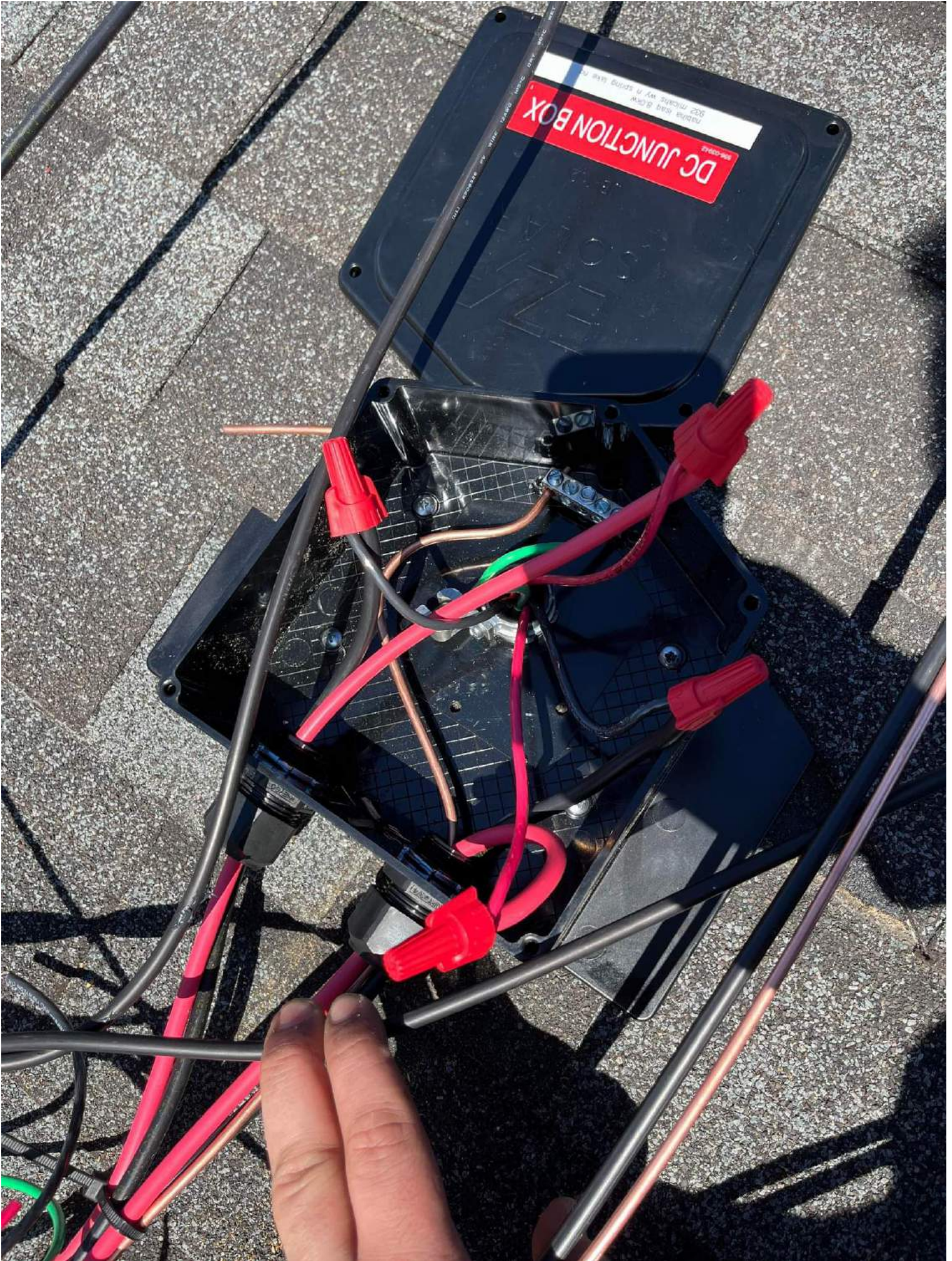
ELECTRICAL SHOCK HAZARD

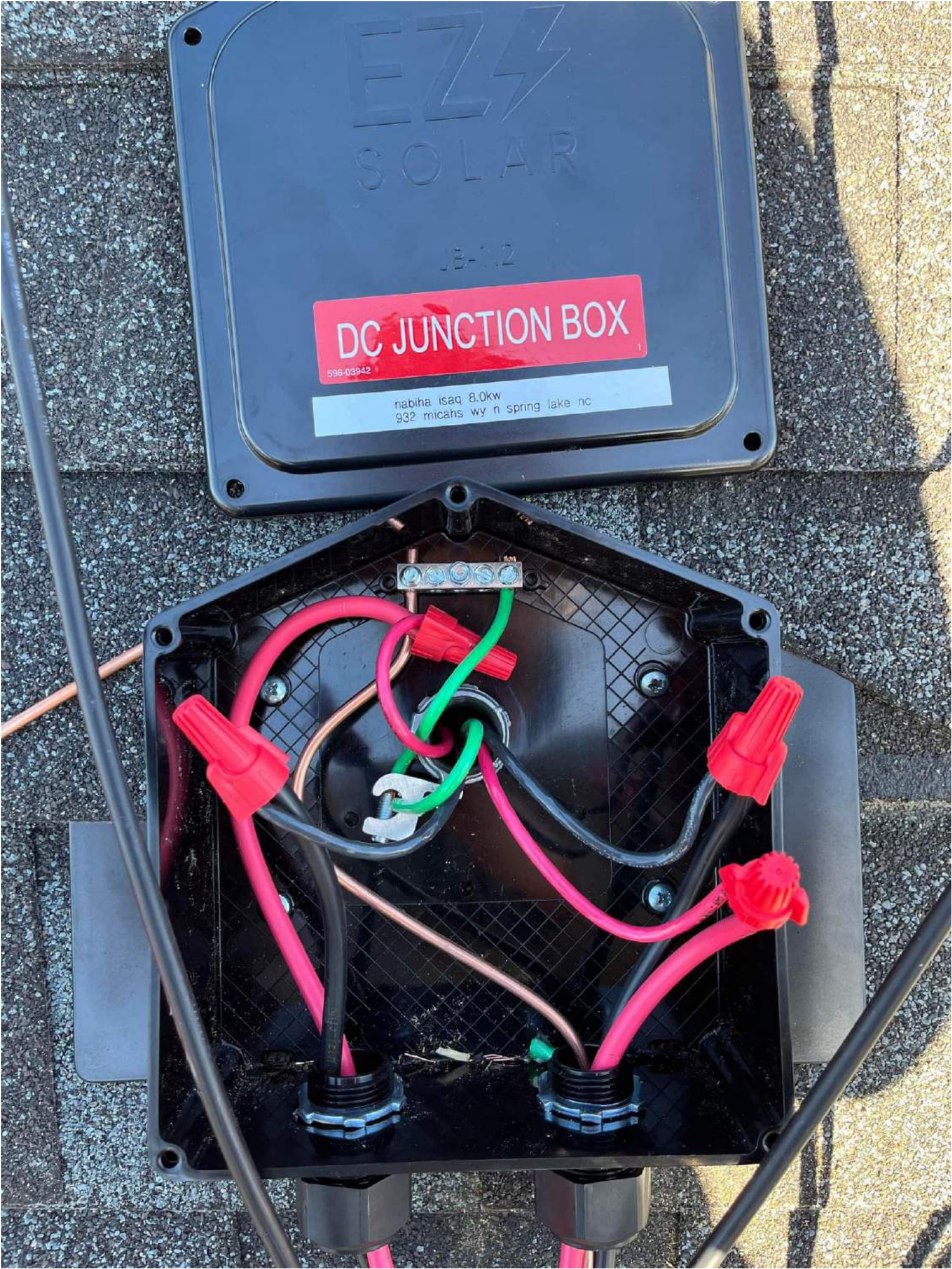
**TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION**

596-03942

7







596-03942
DC JUNCTION BOX

JB-12
nabiha isaq 8.0kw
932 micahs wy n spring lake nc



Grid Monitoring Completed.



Pairing Completed.



solaredge

SN 74108BC7-D6



Inverter

SN 74108BC7-D6

Summary



Power

5.32 kW



Voltage

250 Vac



Frequency

60 Hz

P_OK: 20 of 20

**Optimizers
Communicating**

Server Comm.

**Initializing...
Cellular**

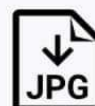


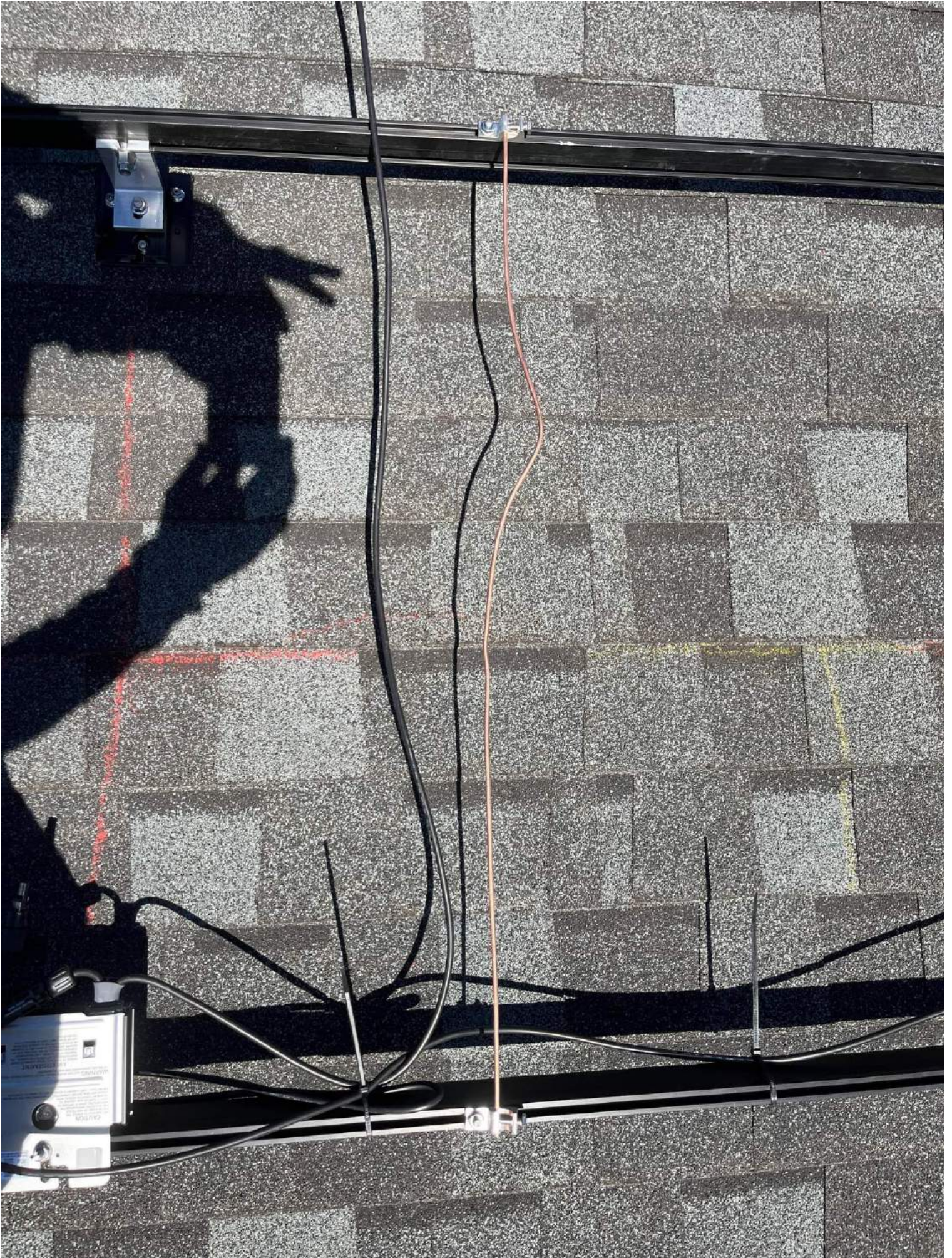
Status
Production

Power Limit
6 kW

Switch is
On

Disconnect from device





ELIGIRO

EXPLOSION O DESTELLO POR ARQUEO

El equipo debe ser instalado y usado de acuerdo a las practicas de seguridad (consultar la norma NFPA 70E) cuando deba ser instalado y presionar servicio de

Elaborar trabajo en el interior de las puertas y los o lesiones serias.

RISQUE D'ELECTROCUTION, D'EXPLOSION OU DE CLAIR D'ARC

● Porter un équipement de protection personnel (EPP) approprié et observer les méthodes de travail de la norme NFPA 70E.

● Si un personnel qualifié doit effectuer l'installation et l'entretien de cet appareil, pour un dispositif de détection de foudre à valeur nominale appropriée, tous les dispositifs de foudre et les couvercles avant de mettre l'appareil sous tension.

Si ces précautions ne sont pas respectées, cela entraînera la mort ou des blessures graves.

DANGER

RANGE

ELECTRIC HOT WATER

ELECTRIC HOT WATER

HOMELINE Load Center Cover / Fronte del cassetto da carica HOMELINE® HOMC30UC

Series / Serie: SD1

Means Rating / Valor nominal de la línea principal: **A**

Type 1 Enclosure / Gabinete Tipo 1

Accessories / Accesorios: QD063P - Busch buscon liber plate / Placa de edición del interruptor automático demando

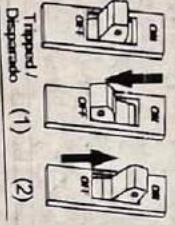
QD063P - Main breaker liber plate / Placa de edición del interruptor automático principal

FIG81 - Door Lock Kit / Accesorio de cerradura de puerta

400013000K - Case Screen Kit / Accesorio de pantalla de la cubierta

See Wiring Diagram for additional Accessories. Consulte el diagrama de cableado para obtener información sobre accesorios adicionales.

Circuit Breaker Mount / Montaje del interruptor automático



UL LISTED R-2160

SQUARE D

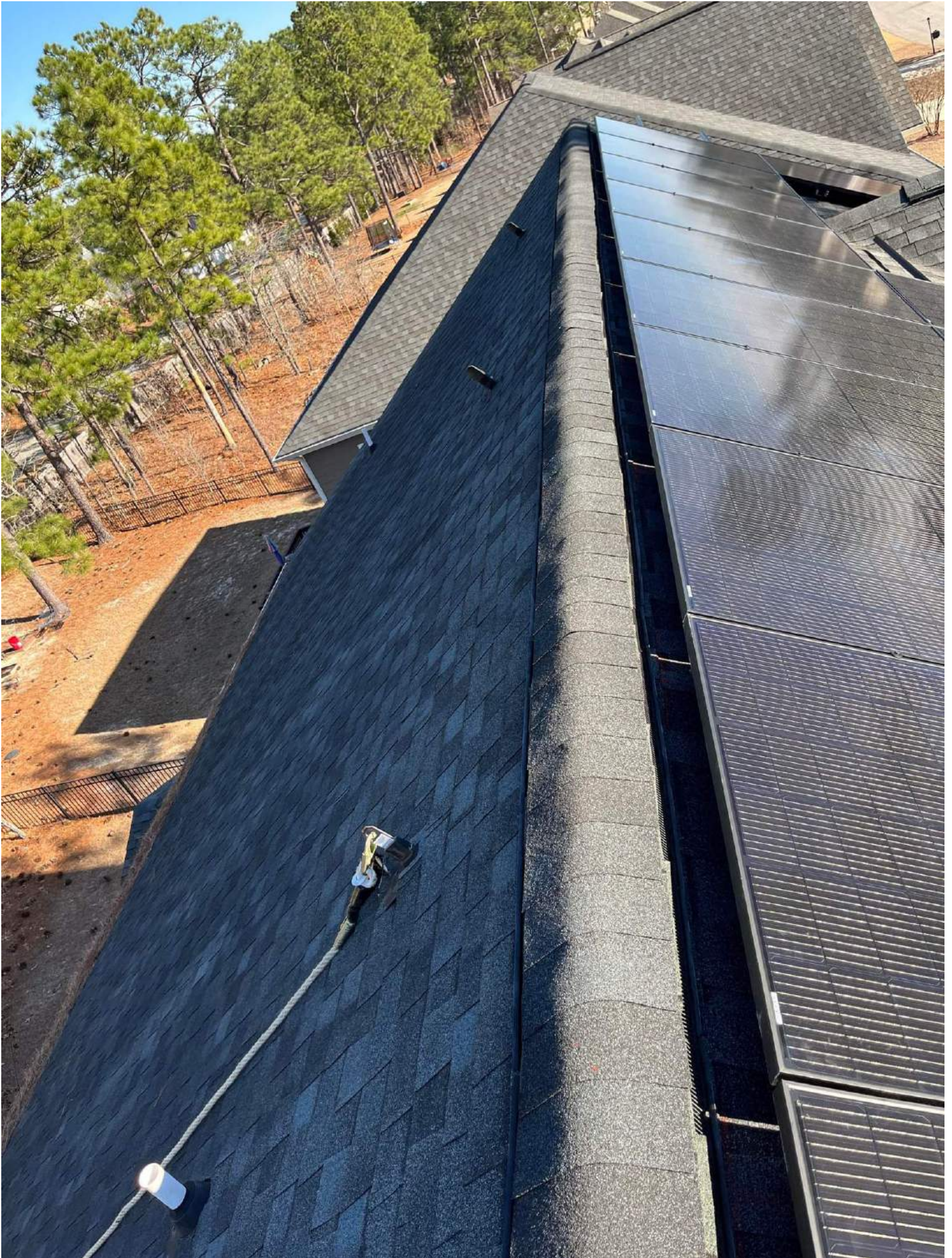
www.square-d.com
Made in U.S.A.
Hecho en U.S.A.
4000-0000 2
112011

WARNING

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

596-03942

7



WARNING ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUND AND MAY BE ENERGIZED.

AVERTISSEMENT

RISQUE DE CHOC ELECTRIQUE: QUAND LE CHAMP PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE, UNE TENSION CC EST FOURNIE A CET EQUIPEMENT. SURFACES CHAUDES: NE PAS TOUCHER, AFIN DE REDUIRE LES RISQUES DE BRULURES LE COURANT DE RETOUR INJECTE PAR LE CONVERTISSEUR EN CAS DE DEFAILLANCE DANS LE MODULE PV EST TOUJOURS NUL.

CAUTION

HOT SURFACES-TO REDUCE THE RISK OF BURNS-DO NOT TOUCH. RISK OF ELECTRIC SHOCK-WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT, IT SUPPLIES A DC VOLTAGE TO EQUIPMENT. COVER PV MODULE WITH OPAQUE MATERIAL BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER. DURING FAULT, ZERO CURRENT IS SOURCED INTO DC ARRAY BY CONVERTER.

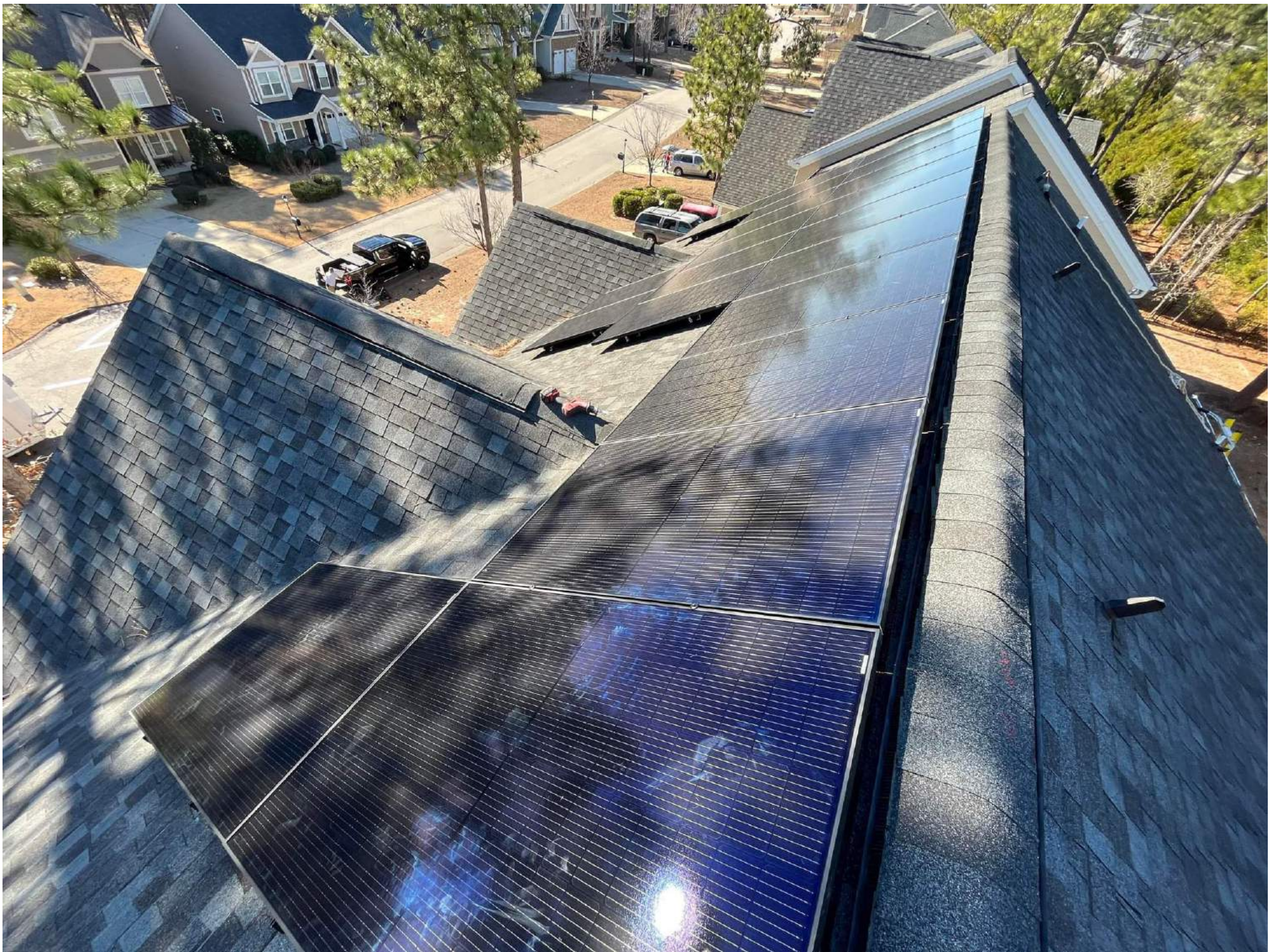
IN

Do Not Remove
154B3EFE-9C
Inteltek
4004590
Solarede Technologies GmbH/
Werner-Ecker-Strade 6/81823 Munich/Germany

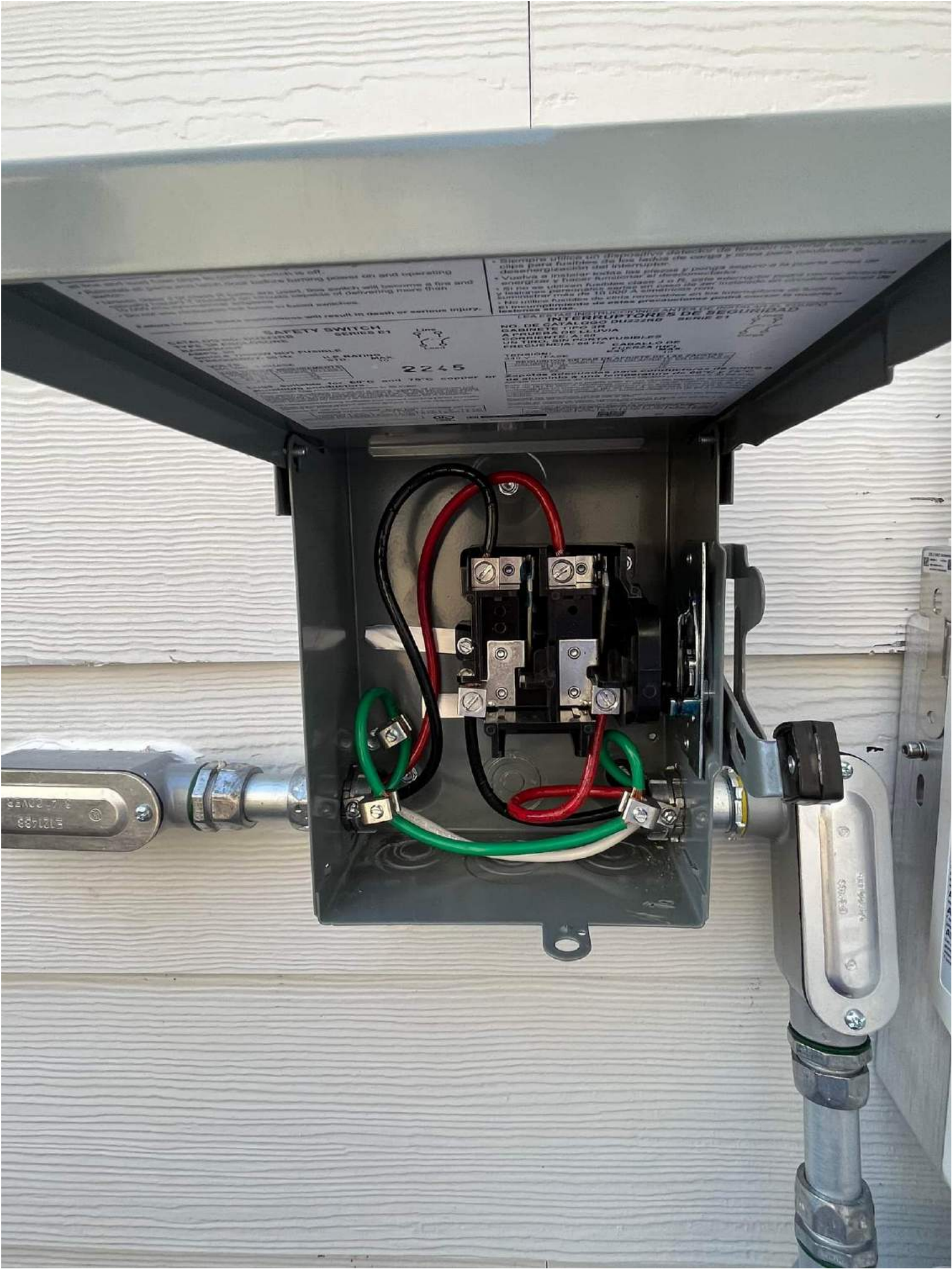


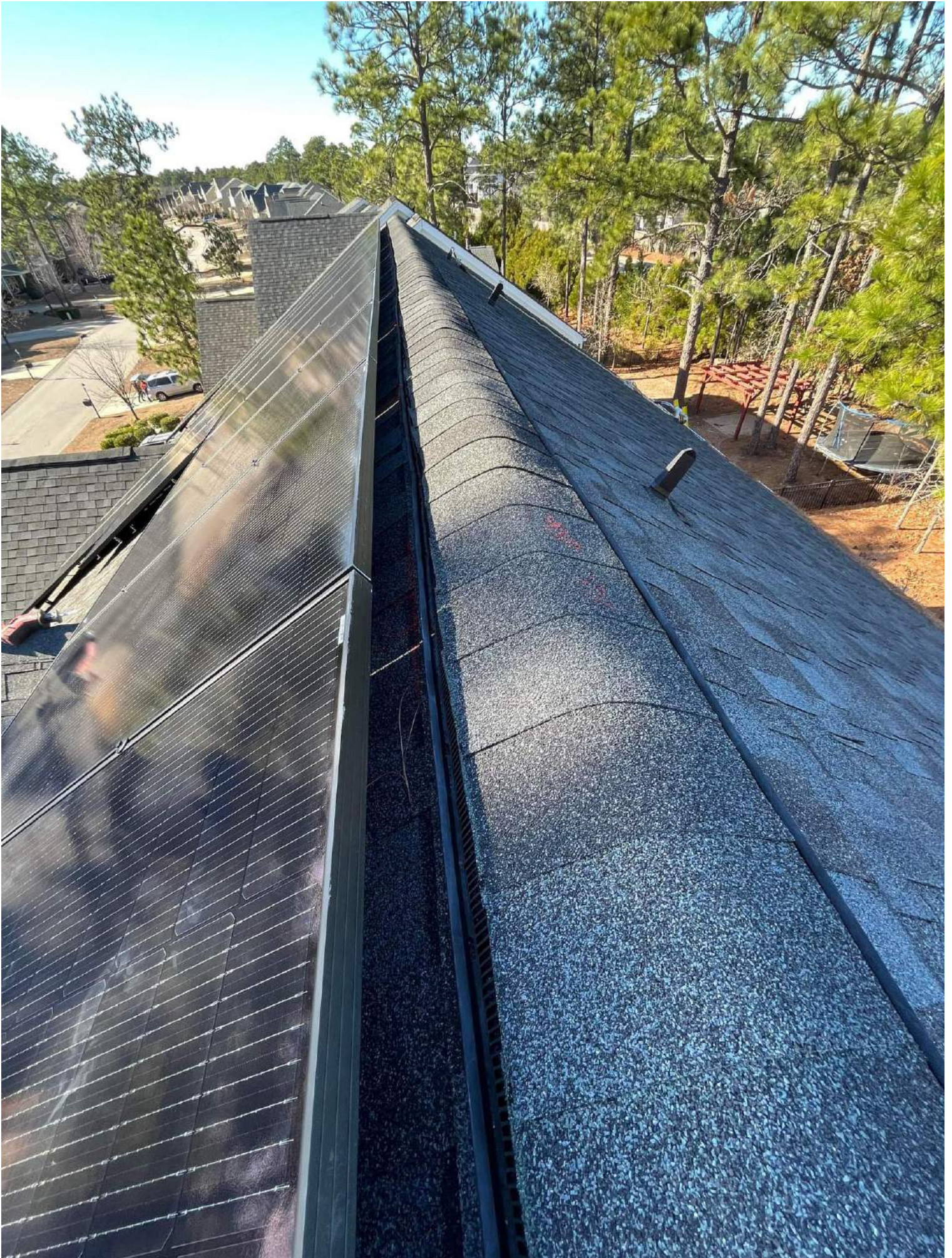




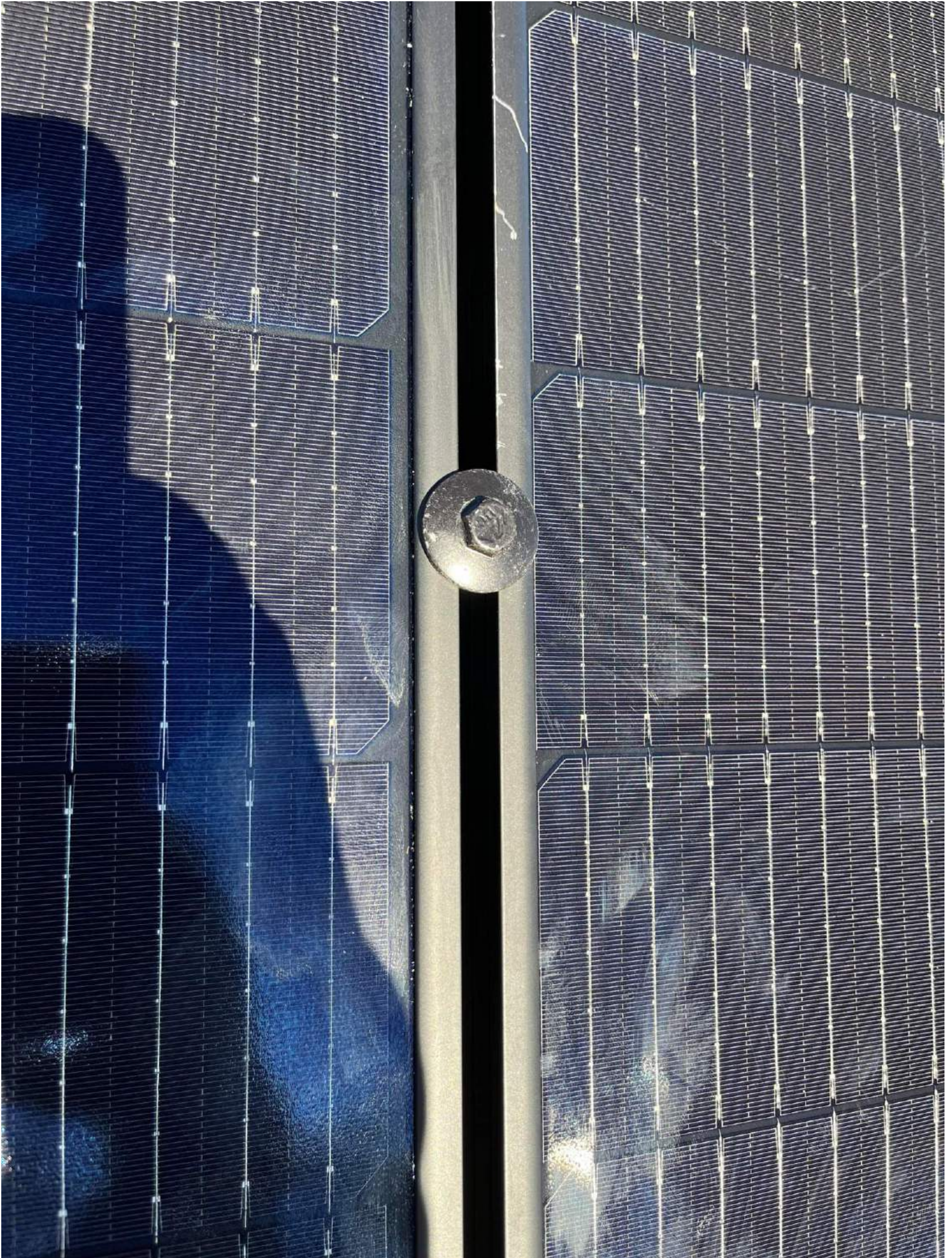




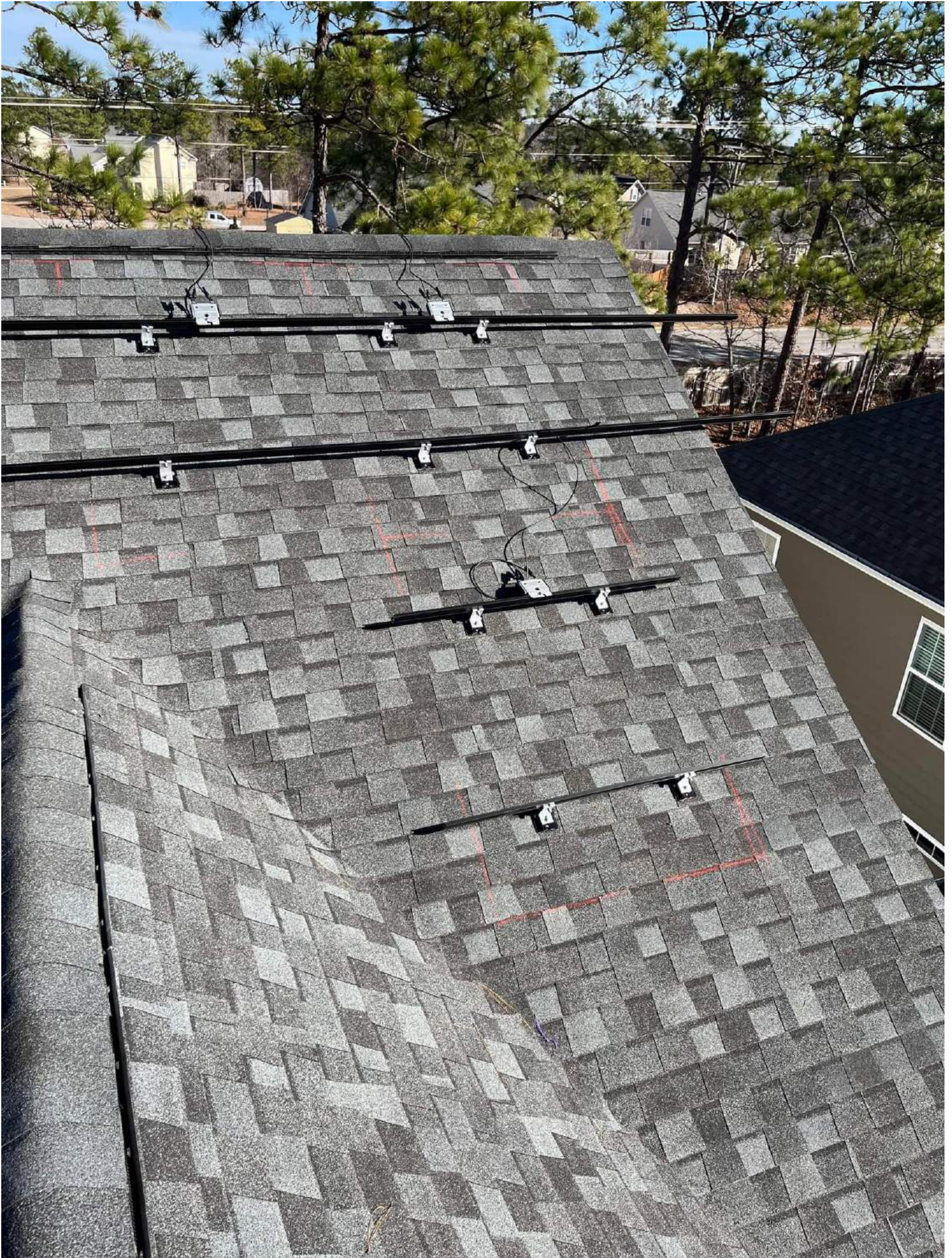


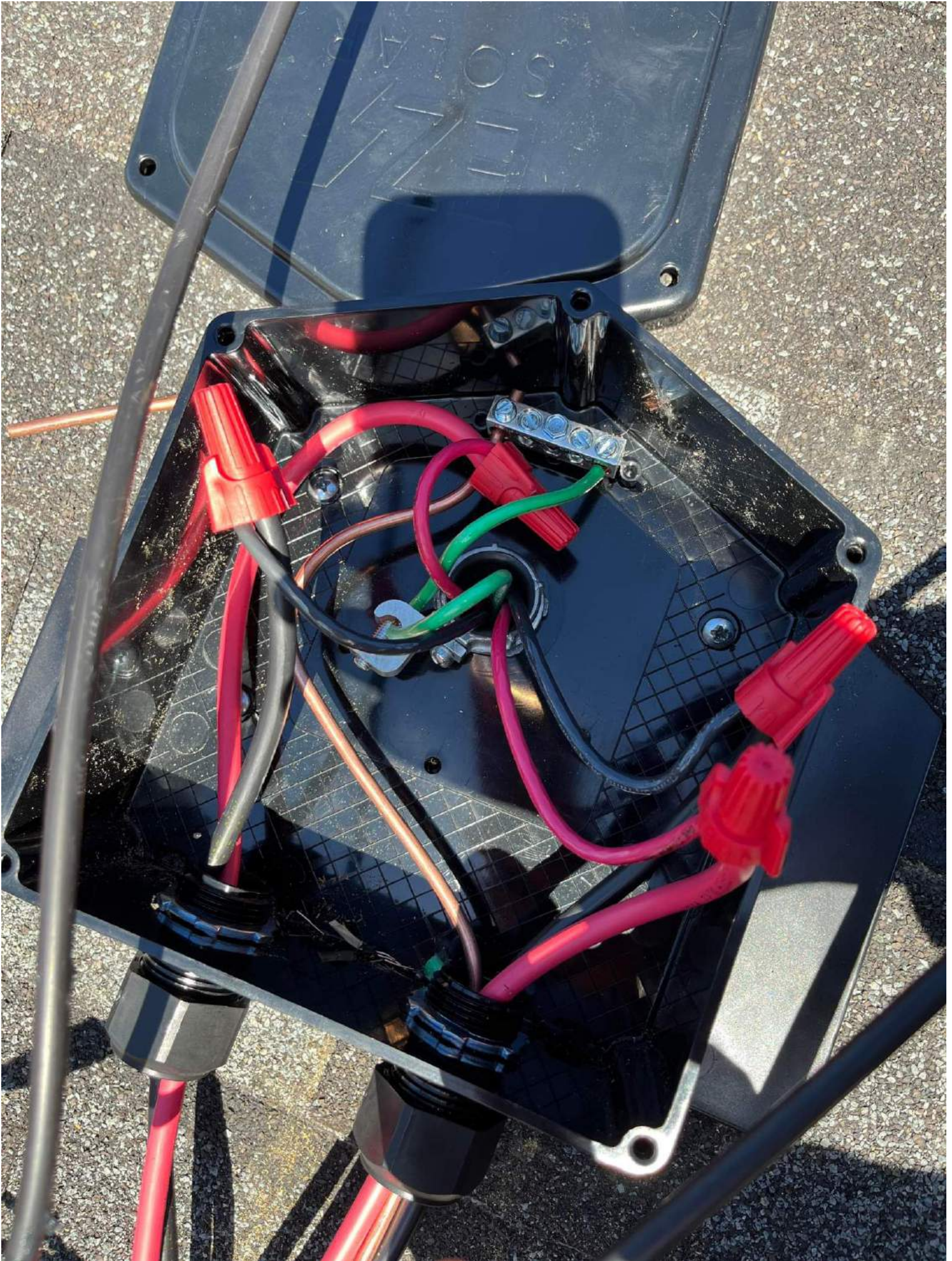










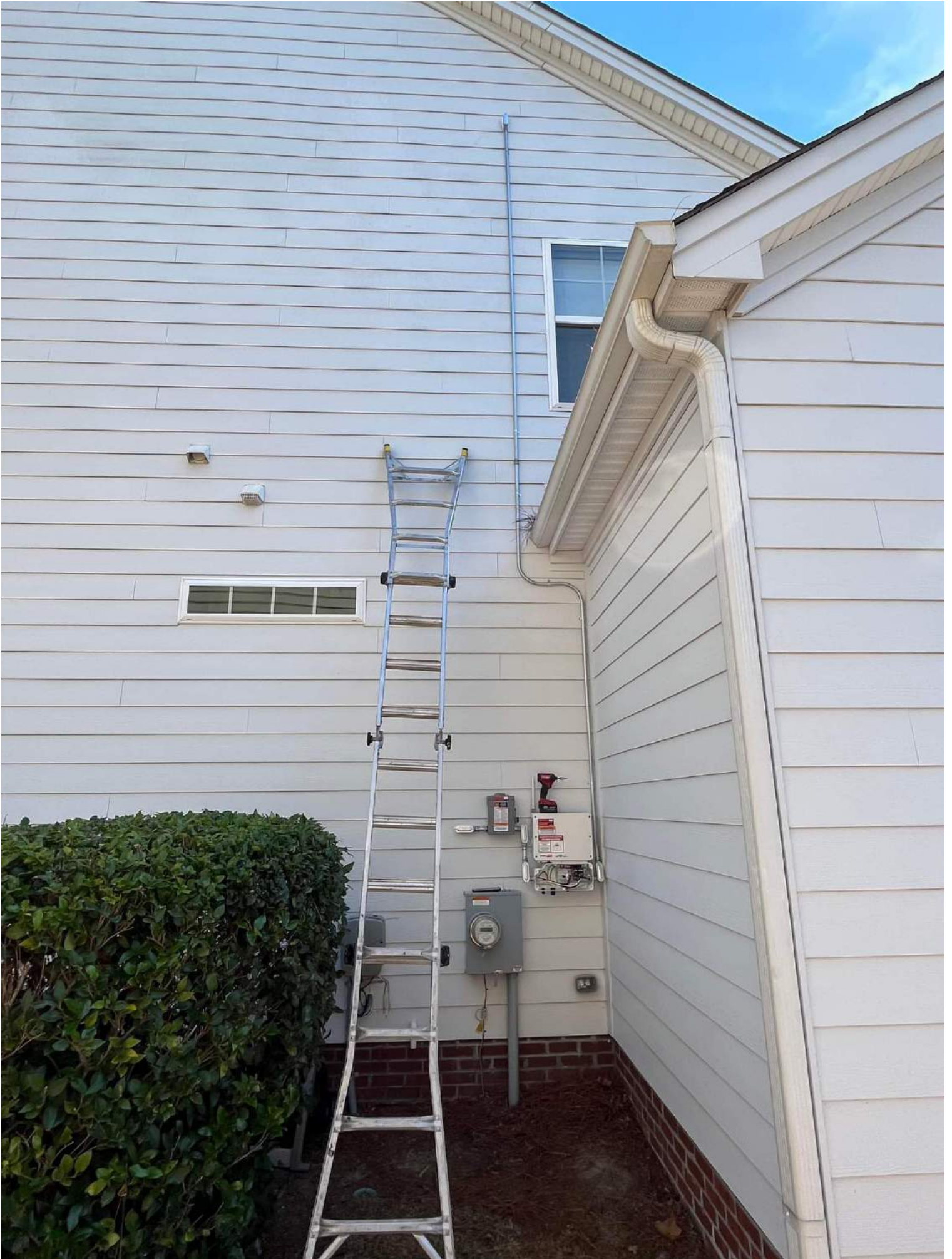




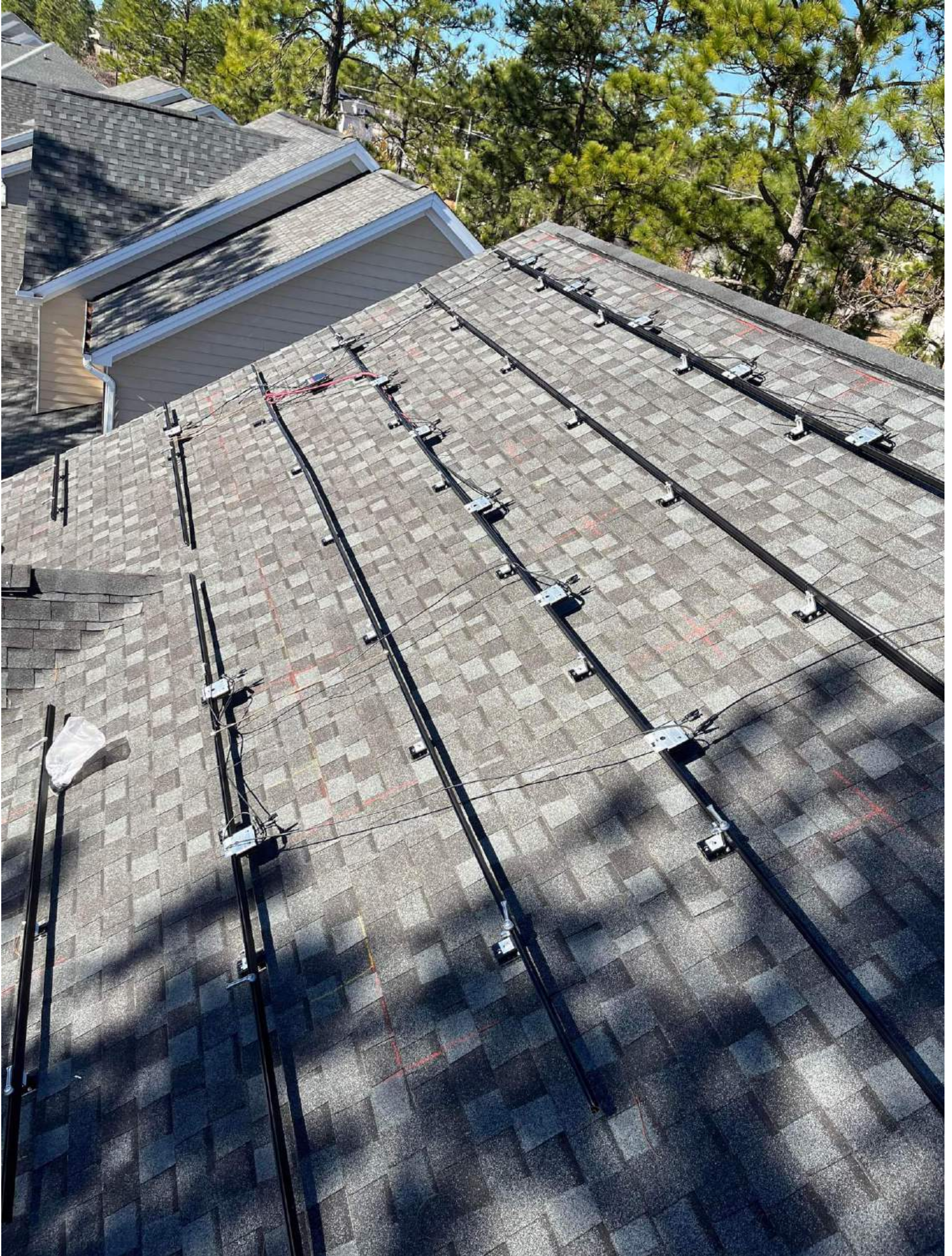
NABIHA ISAQ

2 STRING

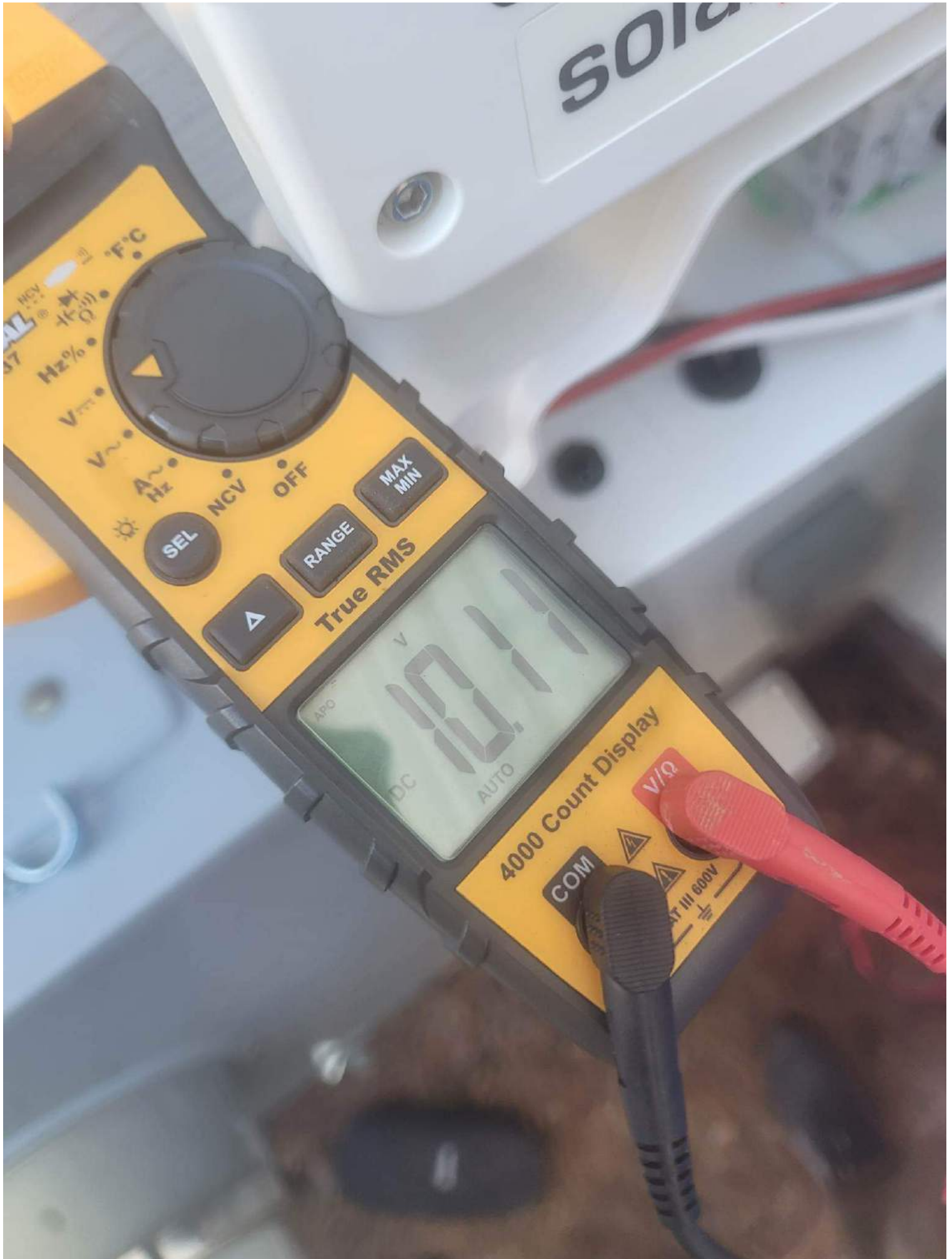
#1 (10)
#2 (10)











WARNING
PV SOURCE CIRCUIT

- | | |
|---------------------------------------|--|
| LAUNDRY LIGHTS
<i>400L 45</i> | CIRCUIT 1 |
| MASTER BATH LIGHTS | CIRCUIT 1 |
| GARAGE GFI AND
EXTENSION RECEPITS | CIRCUIT 1 |
| GARAGE LIGHTS
HALL LIGHTS RECEPITS | KITCHEN SINK GFI
RECEPITS |
| GARAGE DR OPENER
GFI RECEPIT | MICROWAVE |
| BATH GFI RECEPITS | DINING LIGHT
<i>hook 100w</i>
KITCHEN LIGHTS |
| BONUS
LIGHTS RECEPITS | HALL LIGHTS RECEPITS |
| FAMILY LIGHTS AND
RECEPITS | HALL LIGHTS RECEPITS
SMOKE DETECTOR |
| BED 4 LIGHTS RECEPITS | KITCHEN FRIDGE GFI
RECEPIT |
| DINING RECEPITS
<i>hook</i> | WASHER |
| DISPOSAL | ELECTRIC HEAT ATTIC |
| DISHWASHER | ELECTRIC HEAT ATTIC |
| AIR CONDITION 1 | DRYER |
| AIR CONDITION 1 | DRYER |
| ELECTRIC HOT WATER | RANGE |
| ELECTRIC HOT WATER | RANGE |

CAUTION
PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED



MAIN
PRINCIPAL

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

NOTICE: ADVERTISEMENT

DANGER

PELIGRO

DANGER

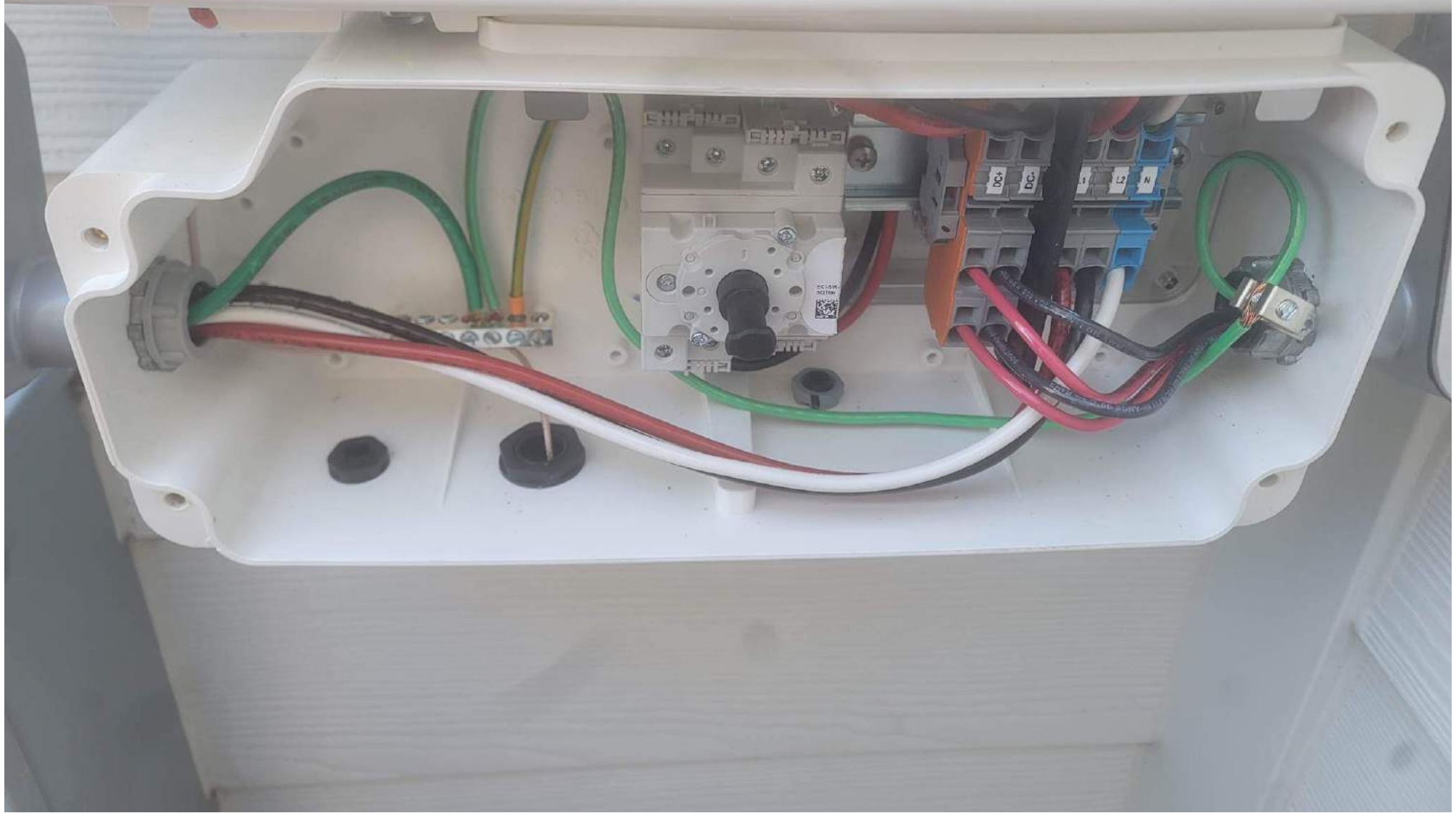


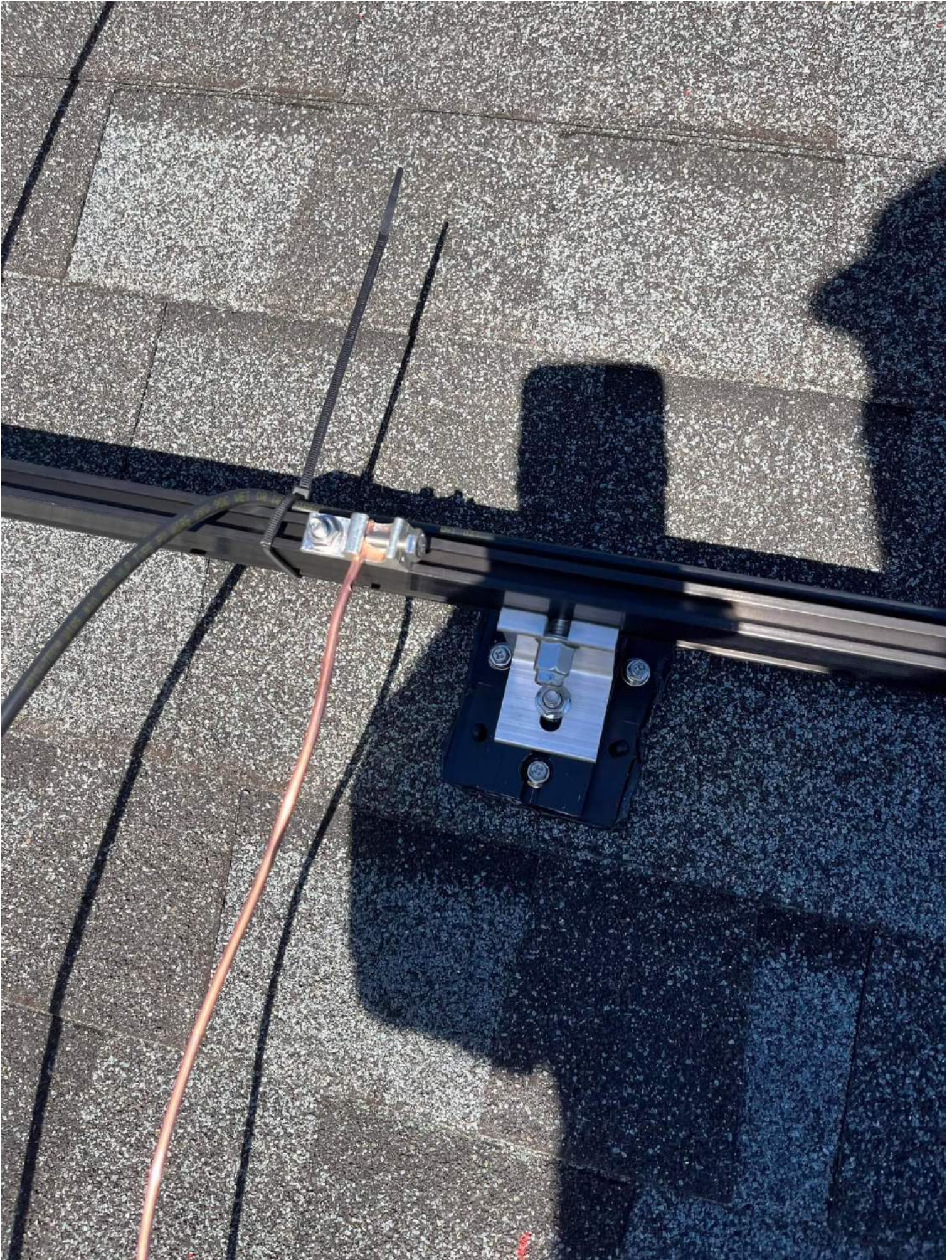
ENERGIZED IN SUNLIGHT

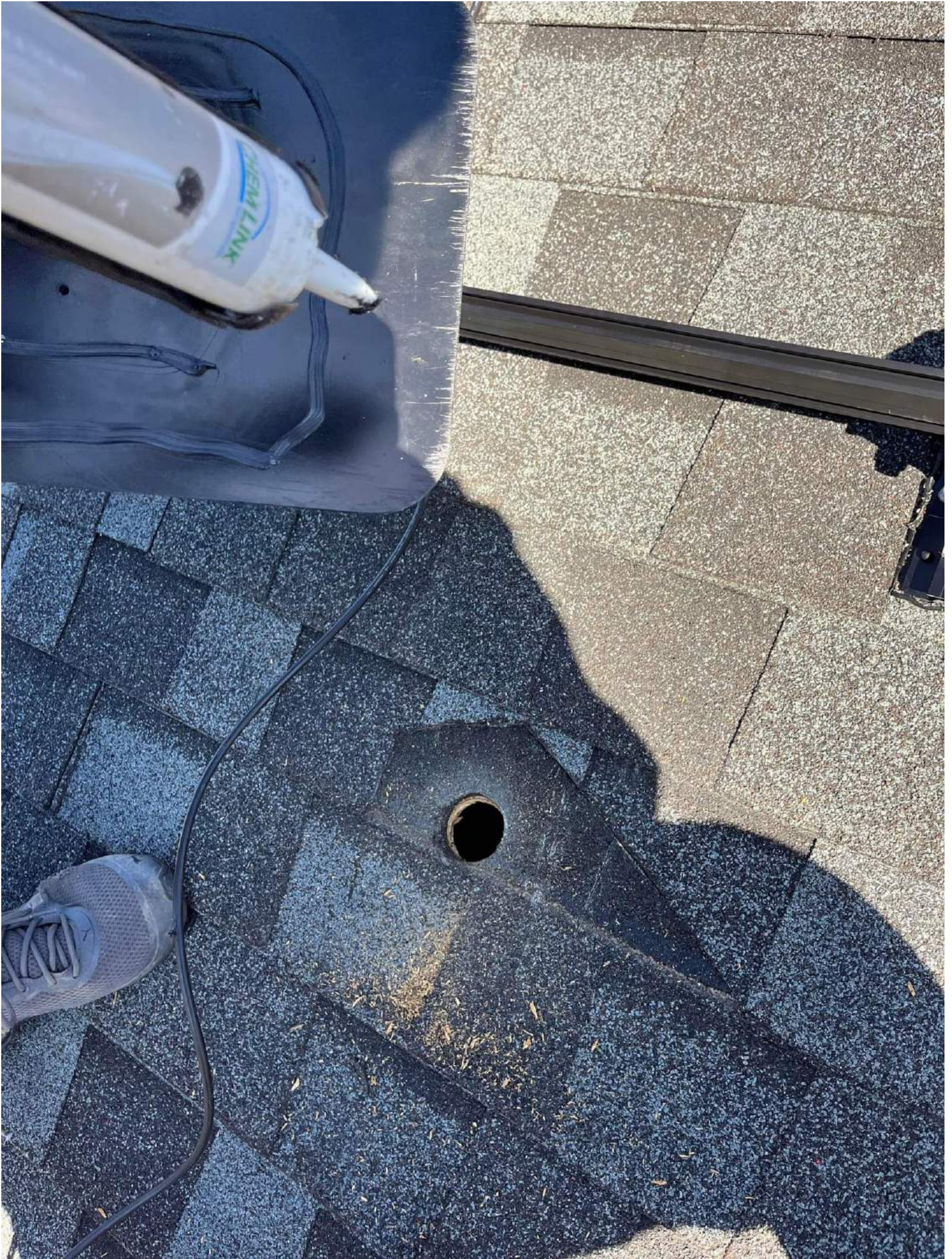
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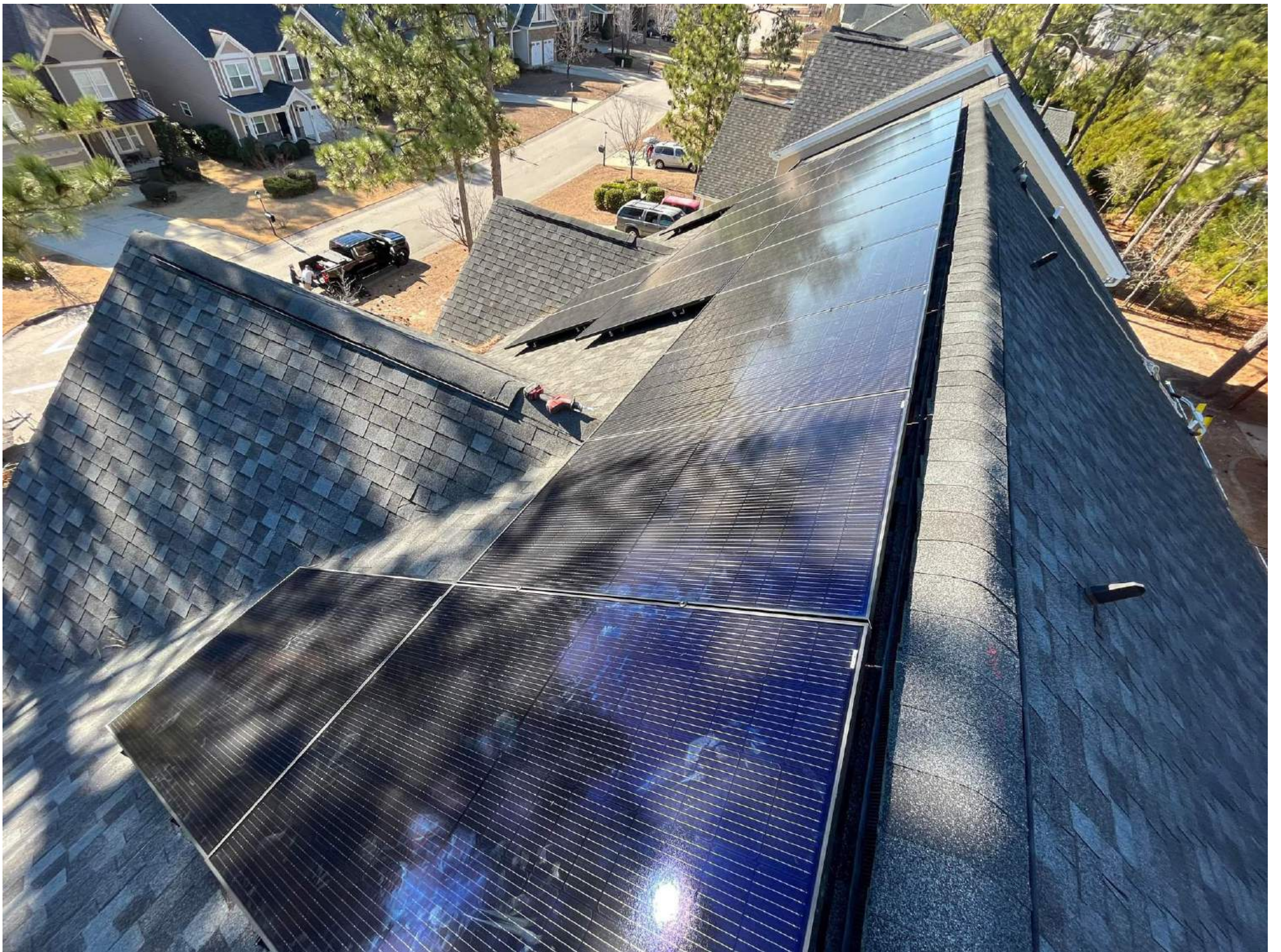
solar**edge**

HD wave











WARNING
THIS SERVICE METER
IS ALSO SERVED BY A
PHOTOVOLTAIC SYSTEM

FOCUS kWh
SOUTH RIVER EMC
TWACS 81849591

WARNING
DANGER OF ELECTRIC SHOCK
DO NOT OPEN

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



595-0342
WARNING
PV SOURCE CIRCUIT

LAUNDRY LIGHTS <i>HALL HS</i>	CIRCUIT 1 29
MASTER BATH LIGHTS	CIRCUIT 1
GARAGE GFI AND EXTERIOR RECEPTS	KITCHEN SINK GFI RECEPTS
GARAGE LIGHTS HALL LIGHTS/RECEPTS	MICROWAVE
GARAGE DR OPENER GFI RECEPT	DINING LIGHT <i>NOOK FOYER</i> KITCHEN LIGHTS
BATH GFI RECEPTS	BED 2 LIGHTS/RECEPTS
BONUS LIGHTS/RECEPTS	BED 3 LIGHTS/RECEPTS
FAMILY LIGHTS AND RECEPTS	INDUSTRIAL LIGHTS/RECEPTS/ SMOKE DETECTORS
BED 4 LIGHTS/RECEPTS	KITCHEN FRIDGE GFI RECEPT
DINING RECEPTS <i>NOOK</i>	WASHER
DISPOSAL	ELECTRIC HEAT ATTIC

AVVERTISSEMENT

AVVERTISSEMENT

AVVERTISSEMENT



AVVERTISSEMENT

30
28
26
24
22
20
18
16

IF A GROUND...
NORMALLY GROUNDED CONDUCTORS
MAY BE UNGROUNDED AND ENERGIZED

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO
SHUT DOWN CONDUCTORS
OUTSIDE THE ARRAY.
CONDUCTORS WITHIN
ARRAY REMAIN
ENERGIZED IN SUNLIGHT



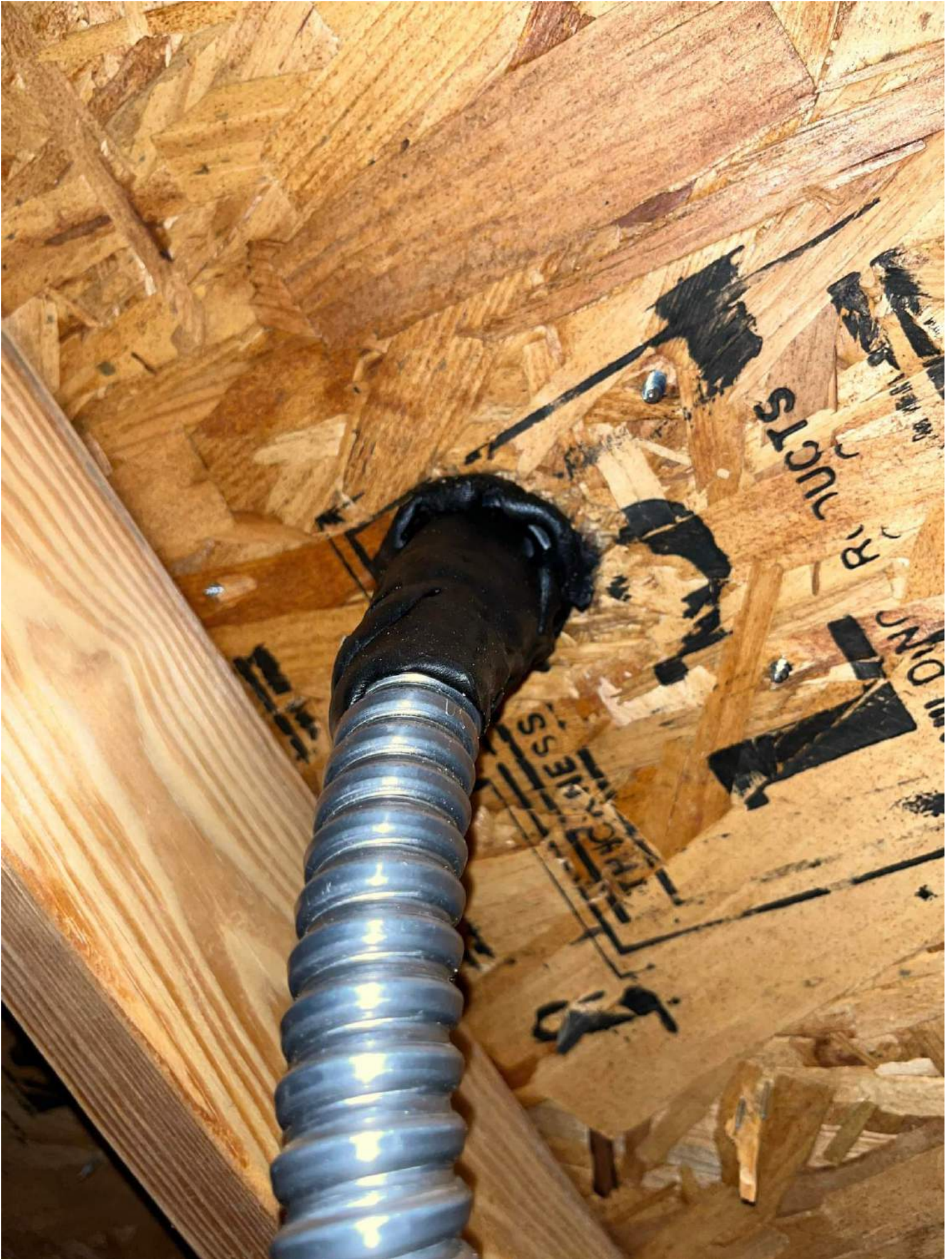
solar**edge**

HD wave











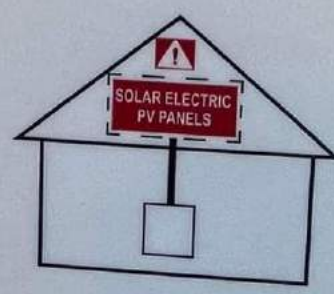


MAXIMUM VOLTAGE	480
MAXIMUM CIRCUIT CURRENT	16.5
MAX RATED OUTPUT CURRENT OF THE CHARGE CONTROLLER OR DC-TO-DC CONVERTER (IF INSTALLED)	

WARNING
ELECTRICAL SHOCK HAZARD
IF A GROUND FAULT IS INDICATED
NORMALLY GROUNDED CONDUCTORS
MAY BE UNGROUNDED AND ENERGIZED

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN CONDUCTORS OUTSIDE THE ARRAY. CONDUCTORS WITHIN ARRAY REMAIN ENERGIZED IN SUNLIGHT



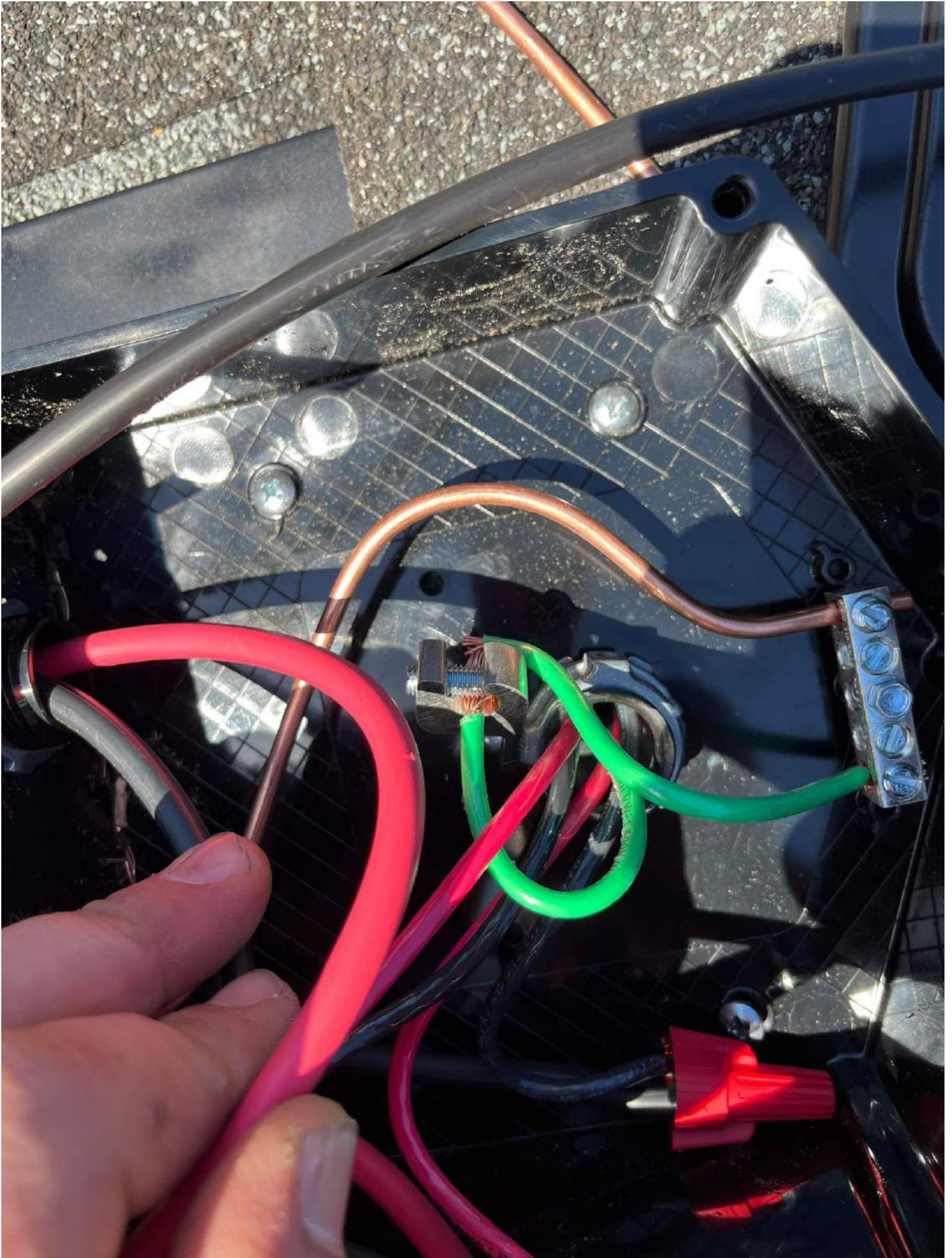
The diagram shows a simple outline of a house with a gabled roof. On the roof, there is a red rectangular sign with a white triangle containing a lightning bolt symbol and the text "SOLAR ELECTRIC PV PANELS". A vertical line connects the sign to a square symbol inside the house, representing a switch or control point.

solaredge

HD wave







Grid Monitoring Completed.



Pairing Completed.



solaredge

SN 74108BC7-D6



Inverter

SN 74108BC7-D6

Summary



Power

5.32 kW



Voltage

250 Vac



Frequency

60 Hz

P_OK: 20 of 20

**Optimizers
Communicating**

Server Comm.

**Initializing...
Cellular**



Status
Production

Power Limit
6 kW

Switch is
On

Disconnect from device

