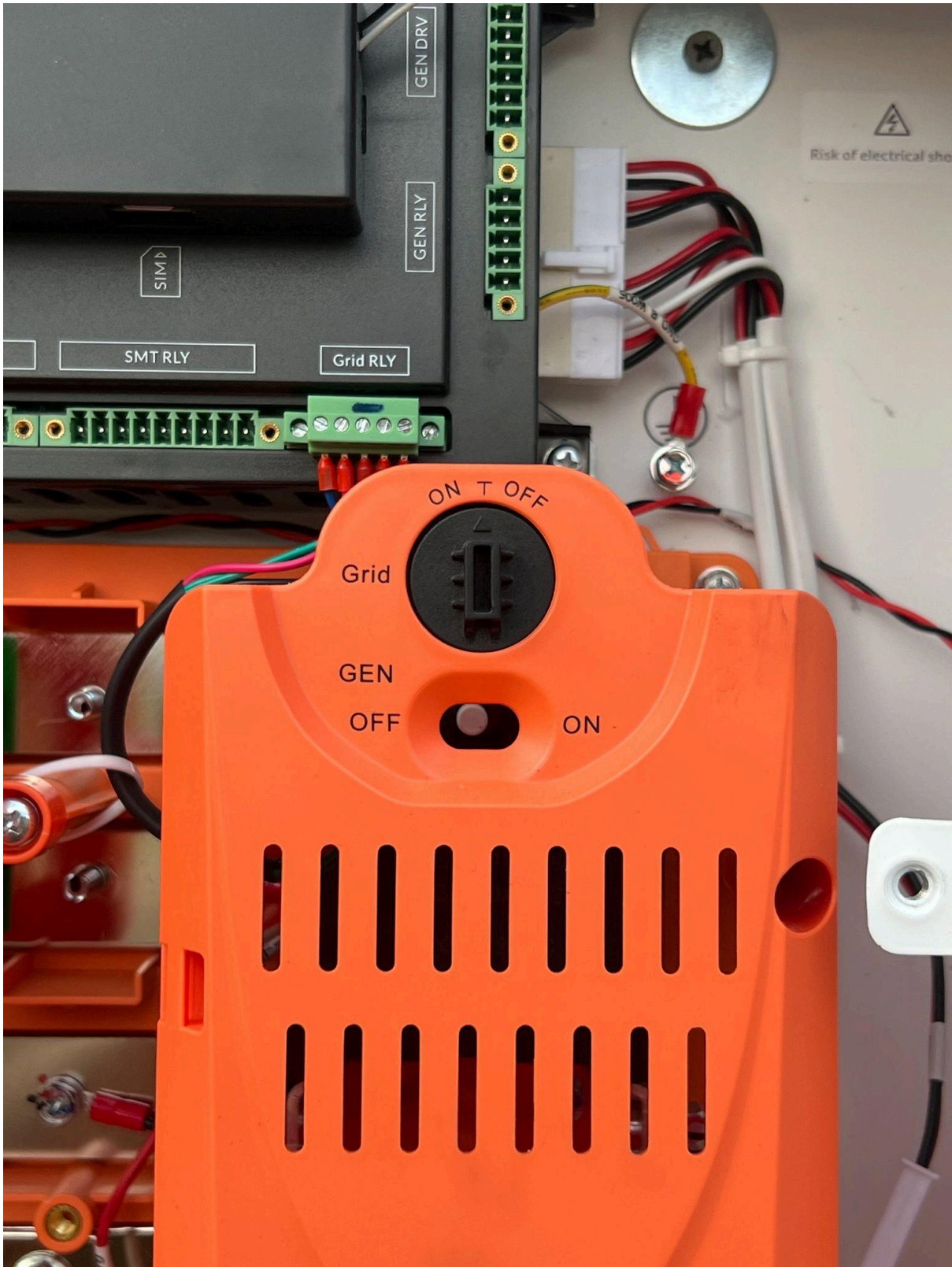
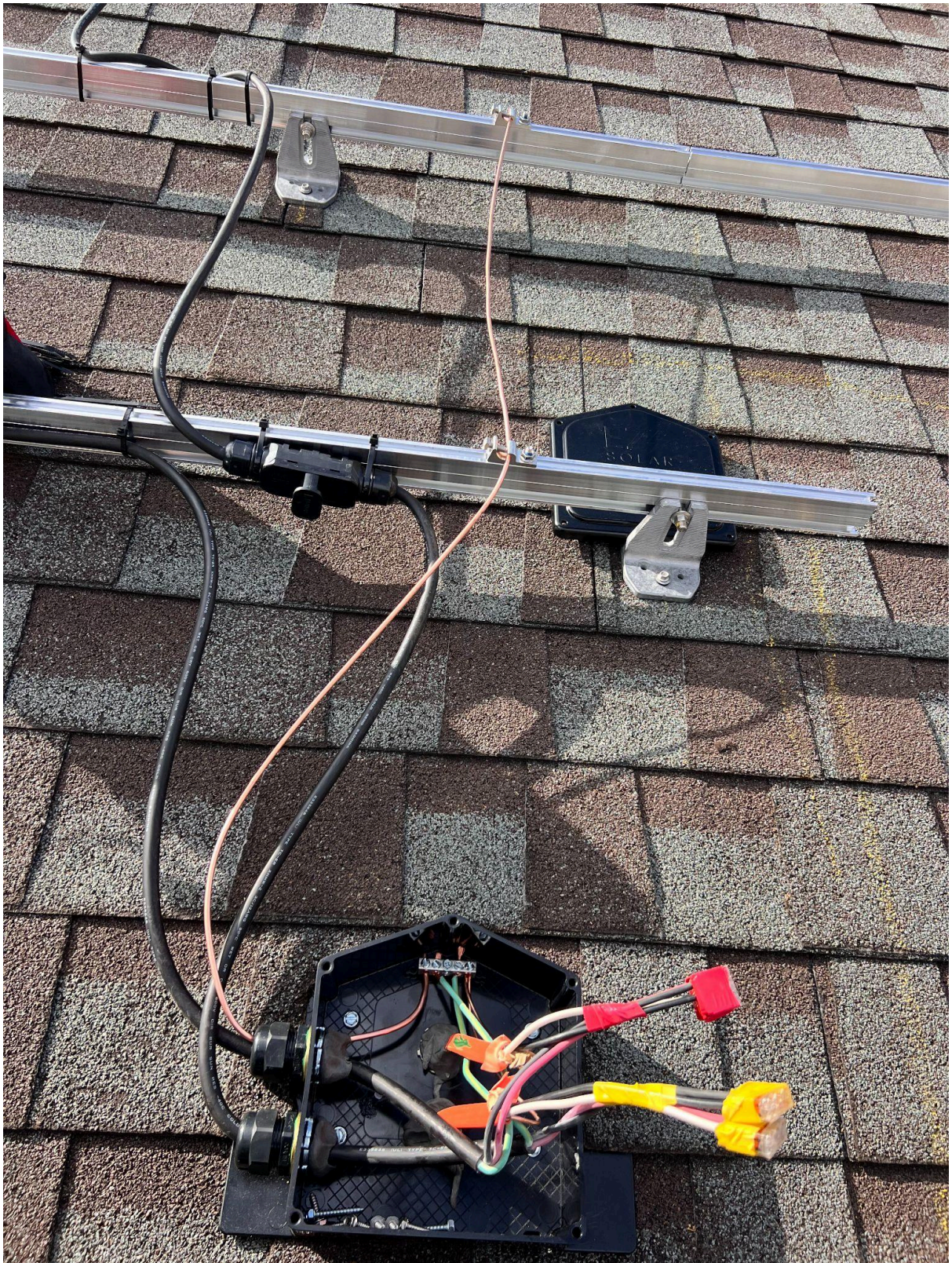
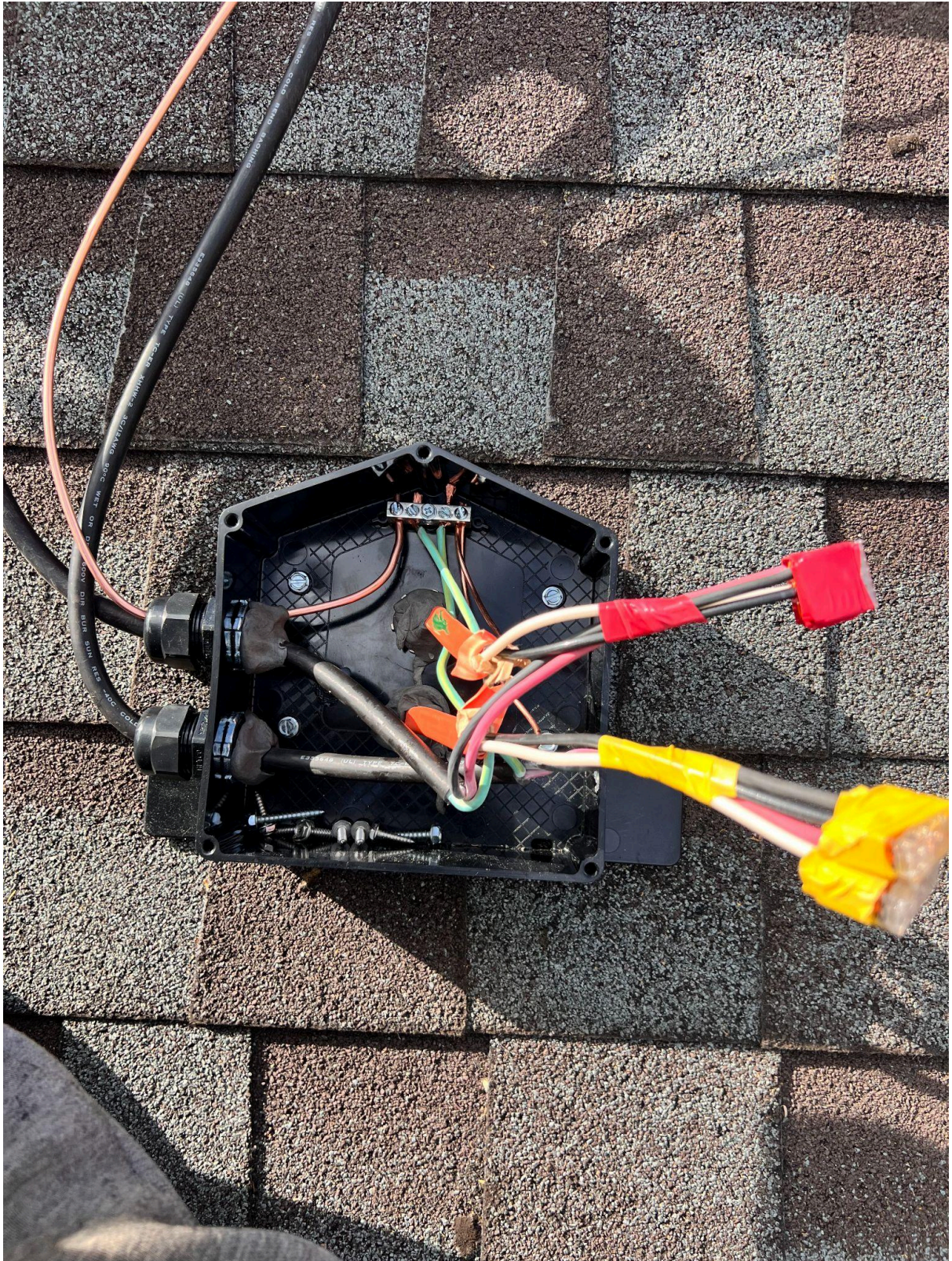
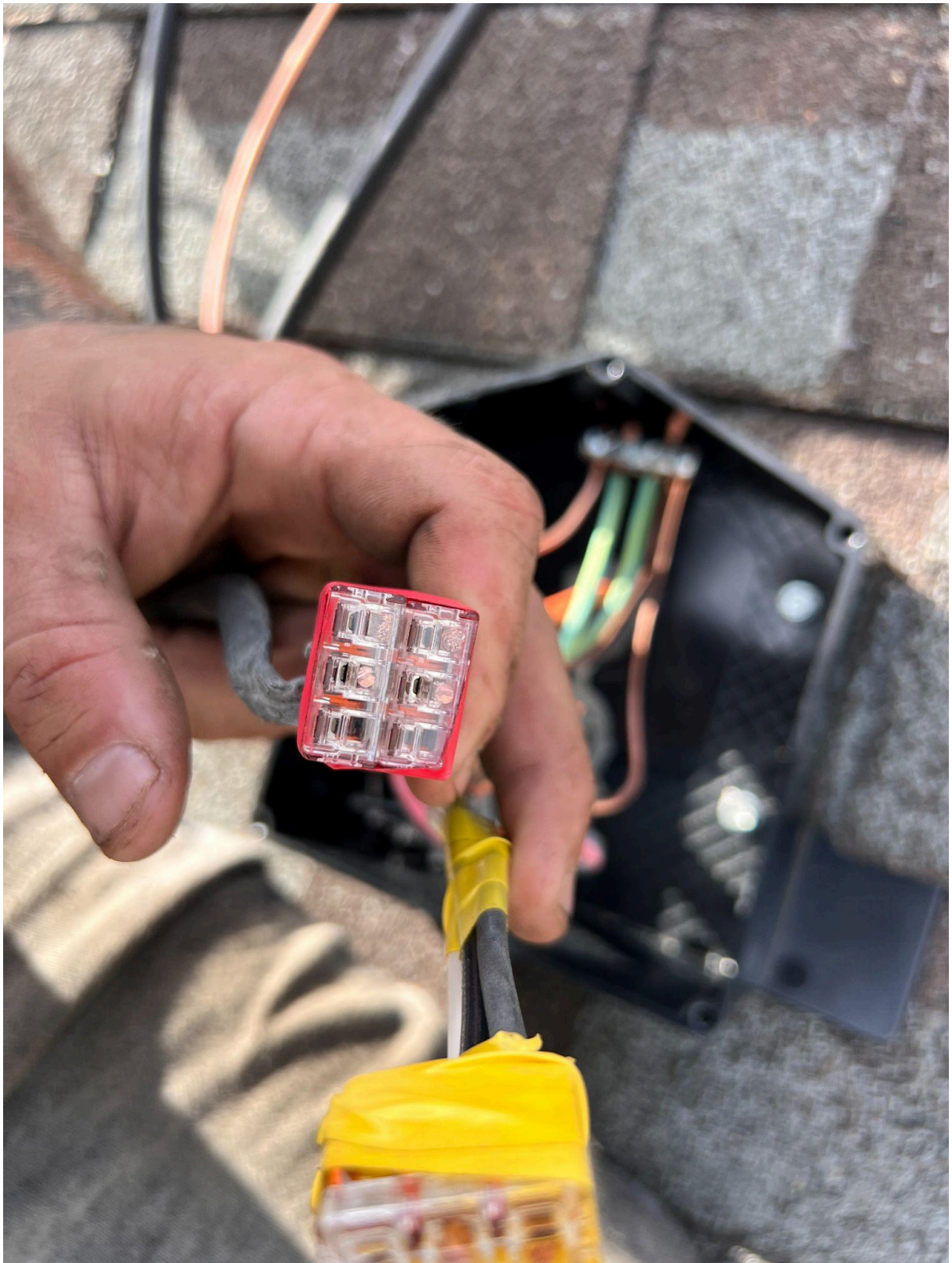
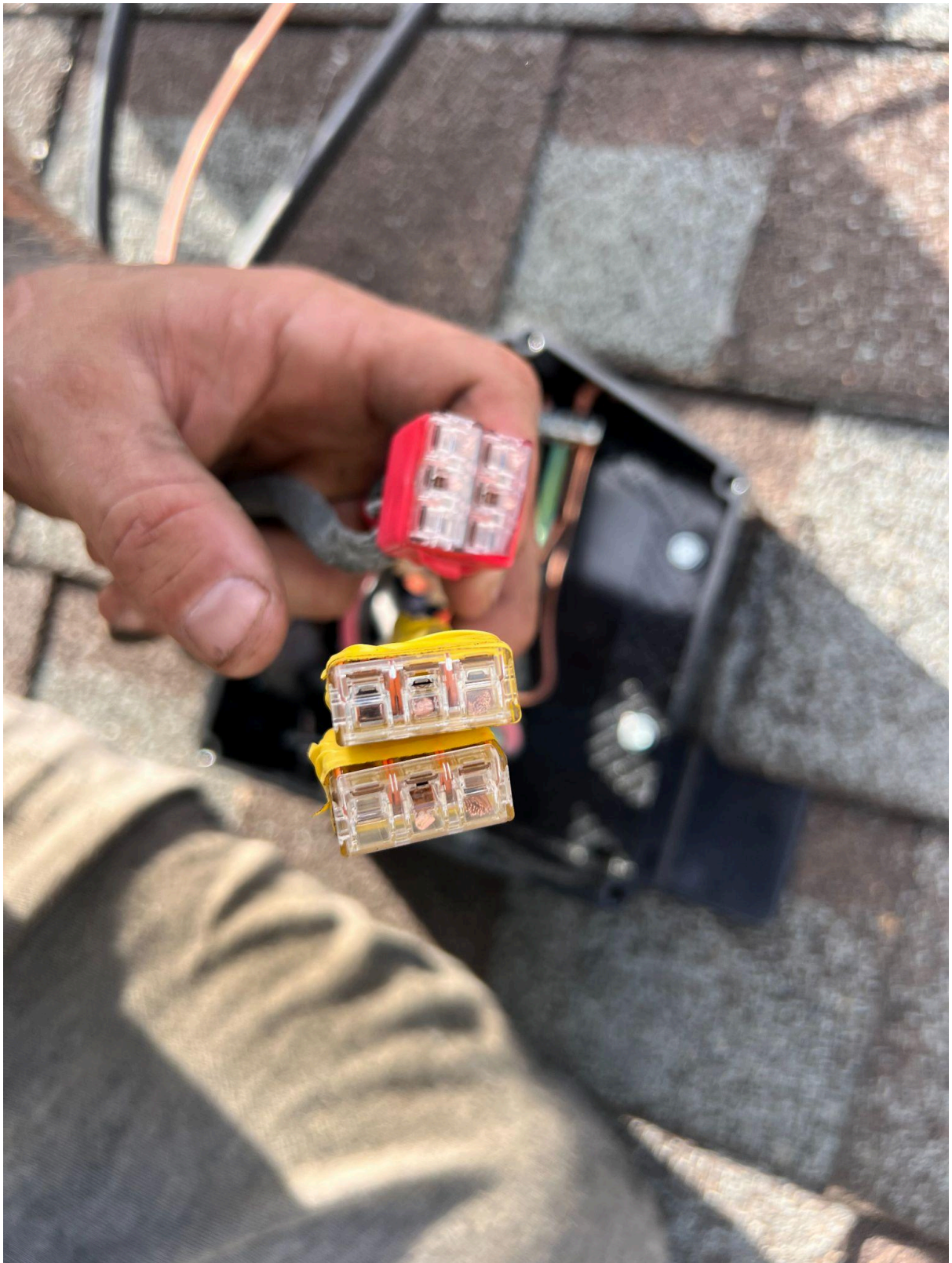


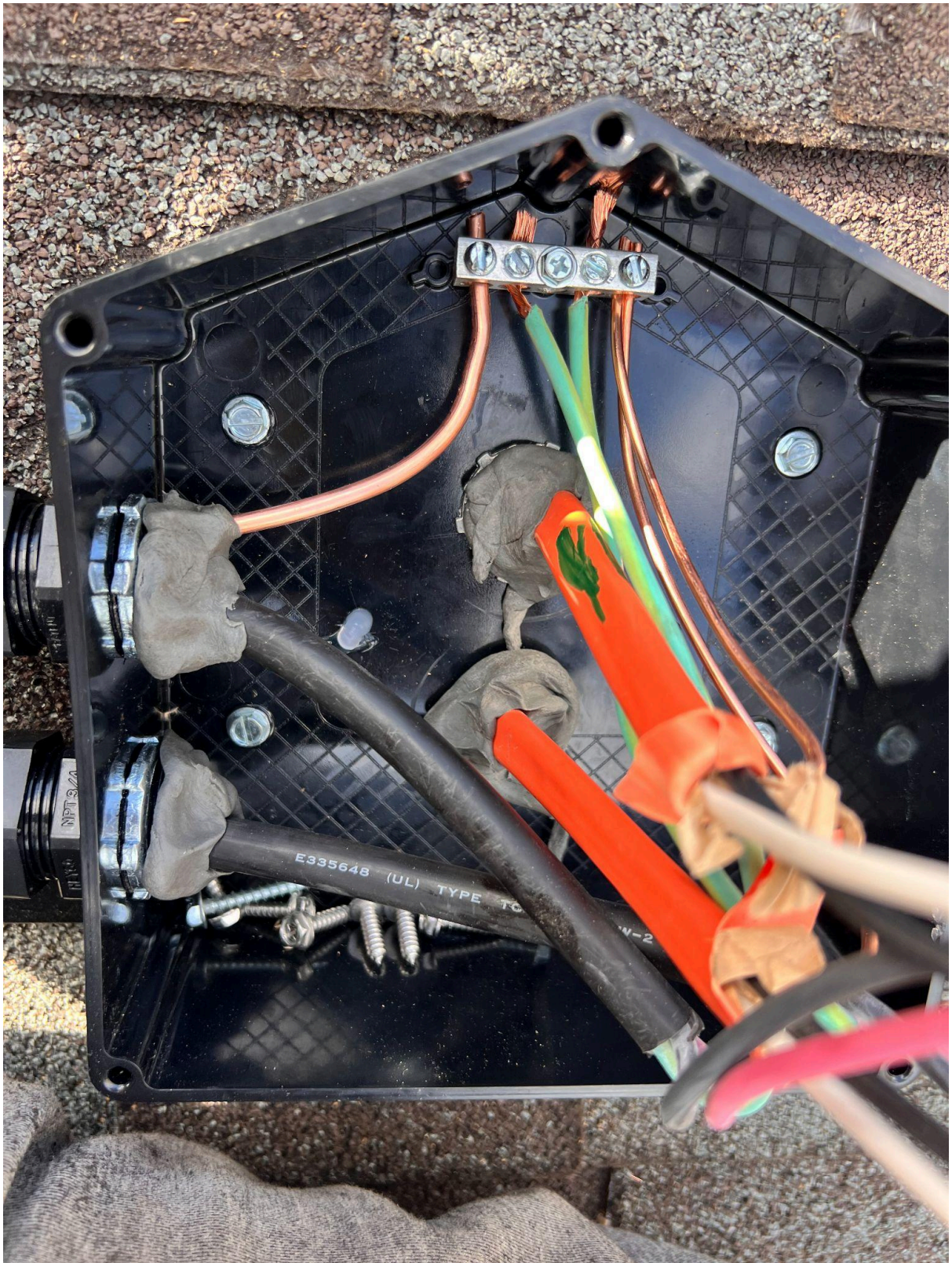


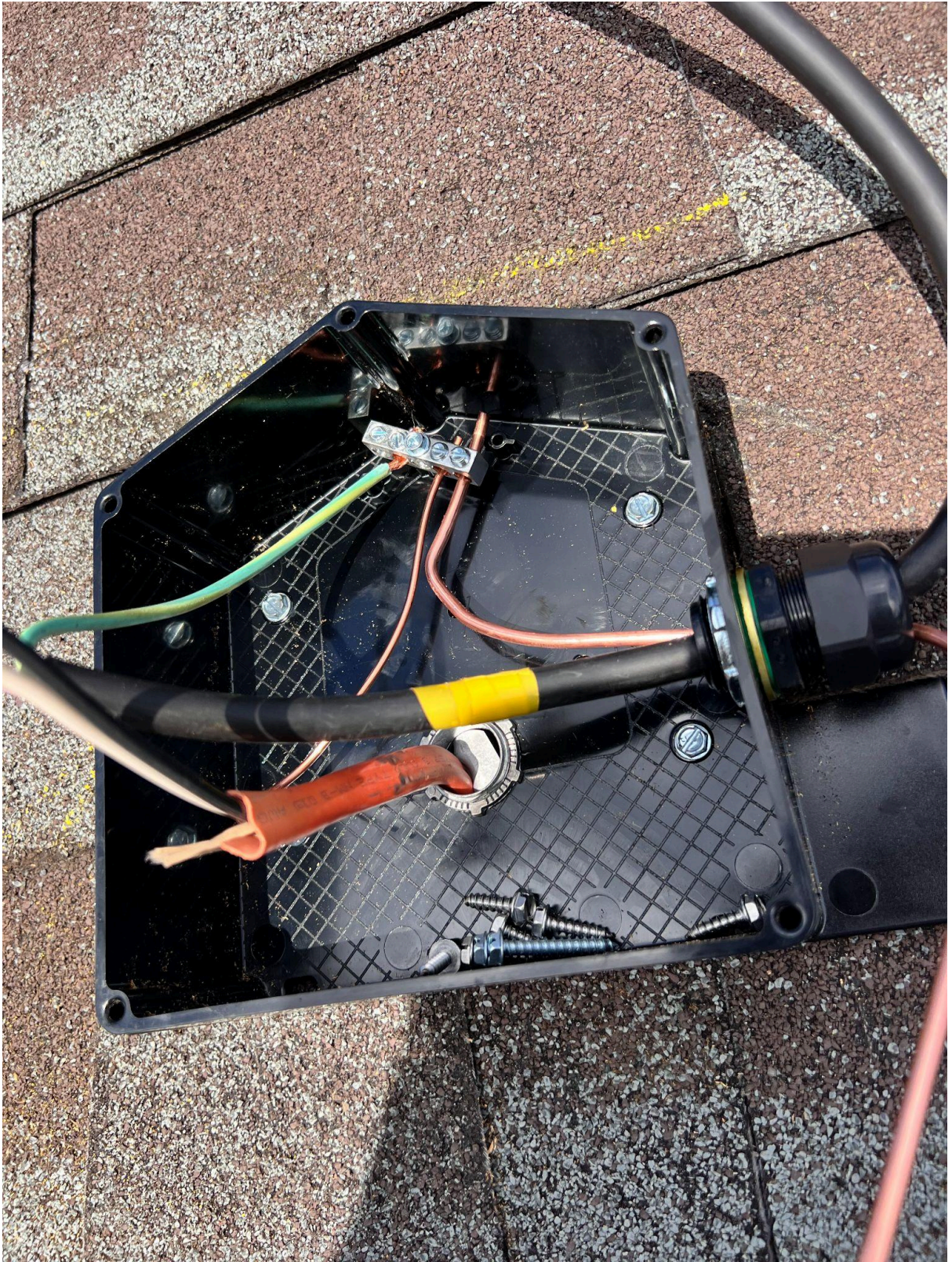






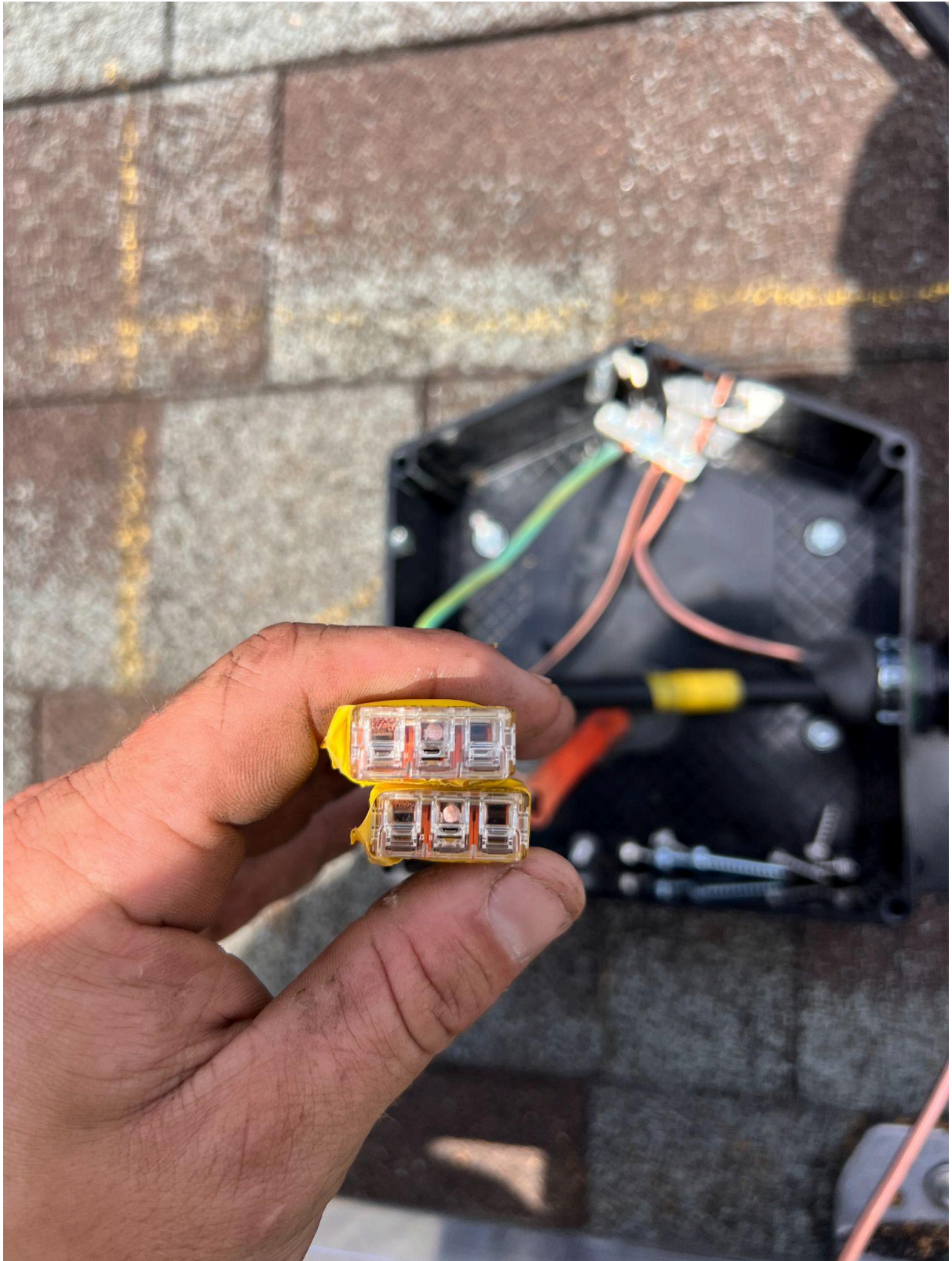








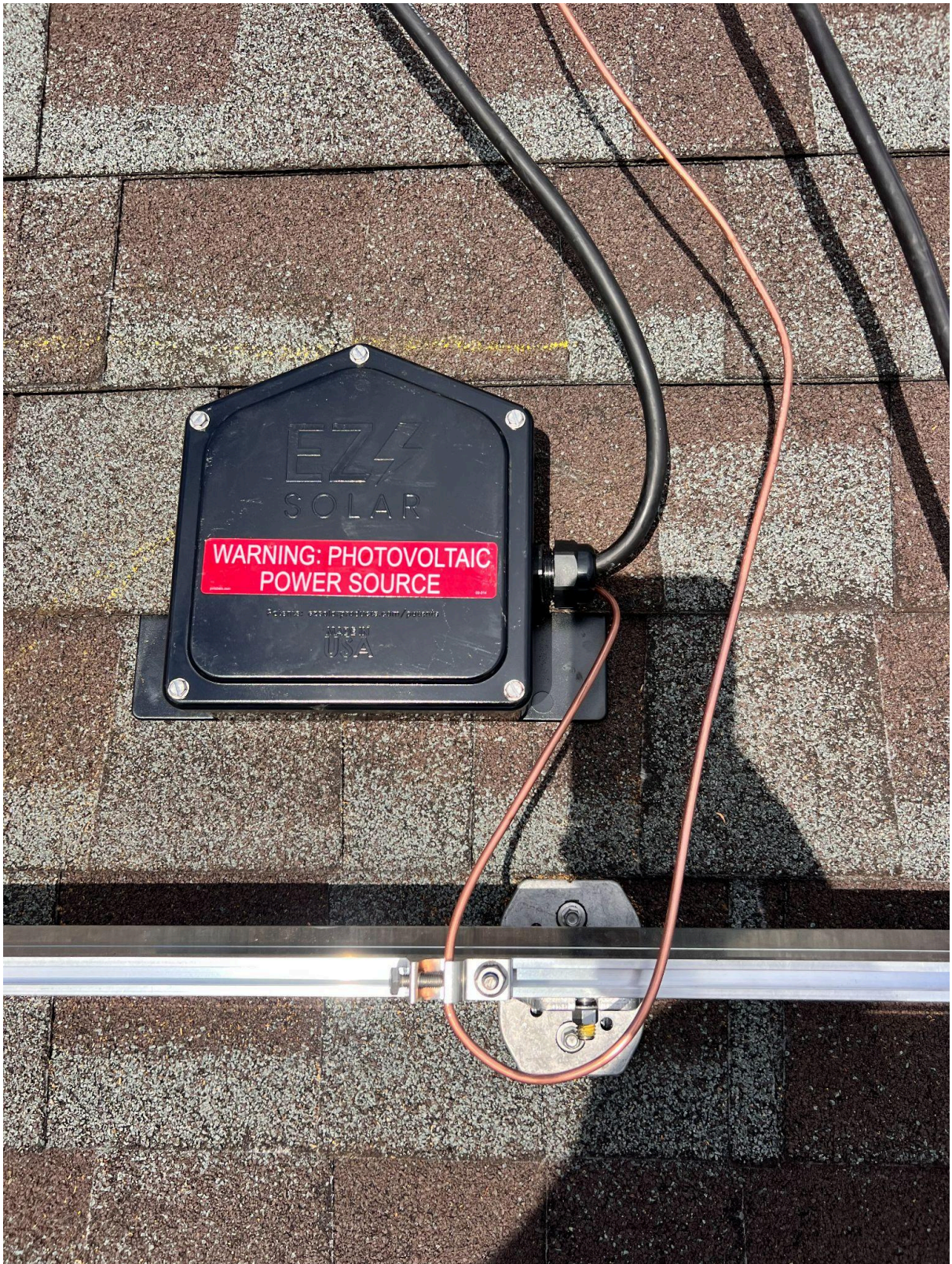






















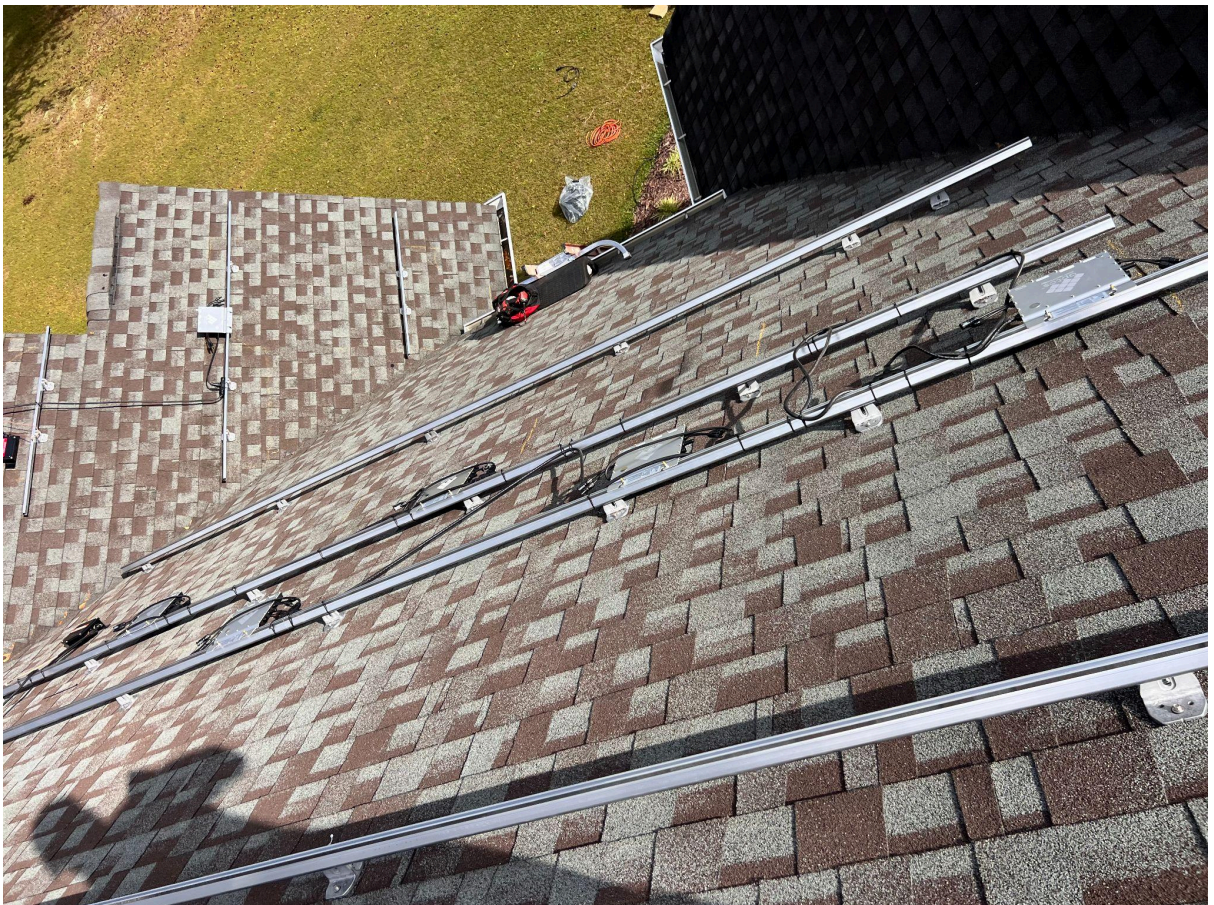
























GHIOS
Grid Support Utility Interactive Inverter
Solar for Innovators
www.apriessolar.com

Model: MDC-800

Max Input Voltage 60V d.c.
Range of MPPT Voltage 16-50V d.c.
Start-up Voltage 21V d.c.
Max Input Current 21A d.c.
Max Input Short Circuit Current 240V a.c.
Nominal Output Voltage 240V a.c.
Max Continuous Output Current 3.19A a.c.

Operating Ambient Temp -40 ~ +55°C

Output Power Factor Rating 85.7%

Output Power 800W

Output Frequency 50/60Hz

Max Continuous Output Power 800W

Operating Efficiency 95.7%

Operating Ambient Temp -40 ~ +55°C

CAUTION Risk of electric shock - Do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel. Do not use any electrical equipment when the photovoltaic array is exposed to light. It applies a dc voltage to this equipment. When the photovoltaic array is exposed to light, it applies a dc voltage to this equipment. Do not touch.

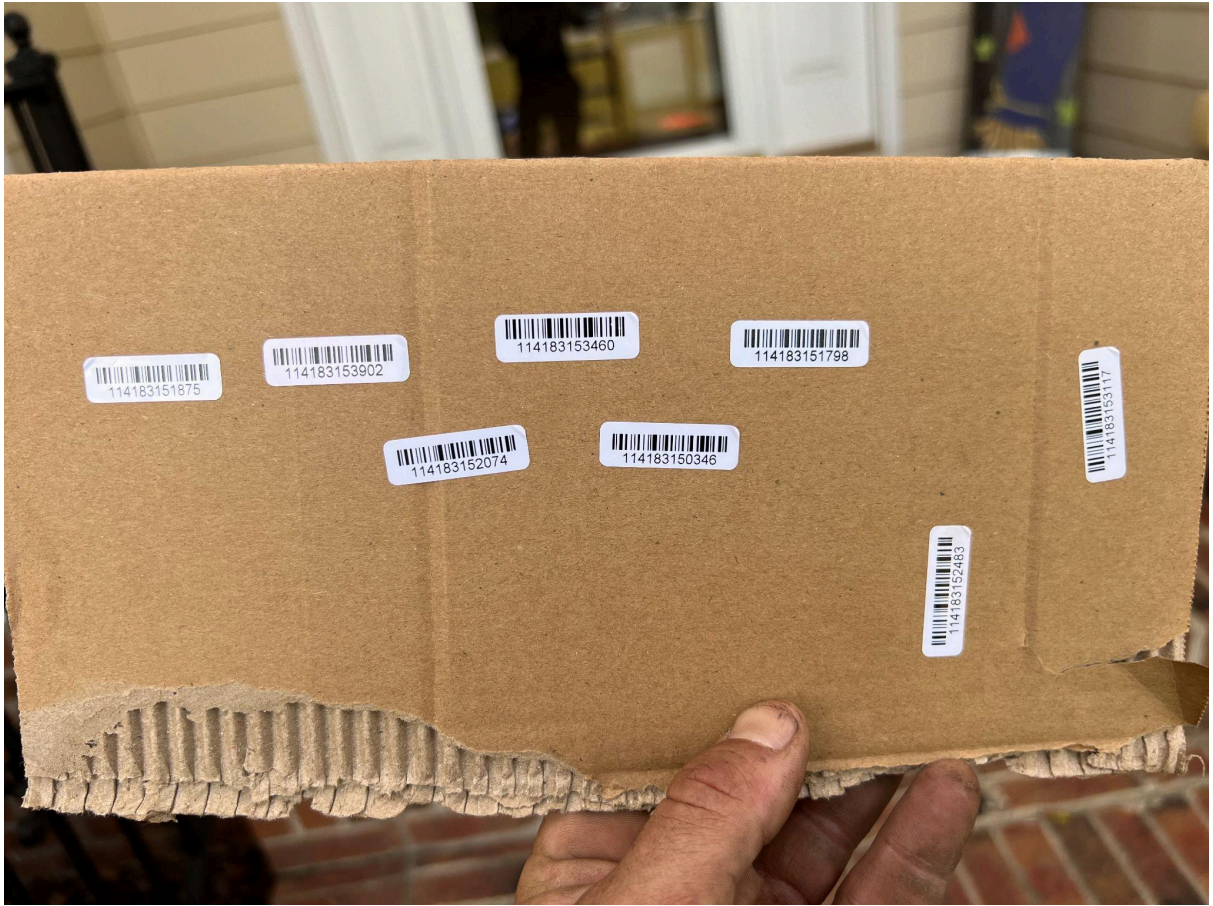
ATTENTION Risque de choc électrique - Ne pas retirer la couverture. Aucune pièce interne n'est réparable par l'utilisateur. Toute réparation doit être effectuée par un personnel qualifié. Ne pas utiliser d'équipement électrique lorsque l'installation photovoltaïque est exposée à la lumière. Il y a une tension AC à l'approche des panneaux photovoltaïques. Ne pas toucher.

Photovoltaic Array Output Power 800W
Operating Efficiency 95.7%
Operating Ambient Temp -40 ~ +55°C















NS25A4C23D9974



Designed & Engineered in Silicon Valley

Optimized with patented DNA™ Technology

Model Type: DNA-120-MF10-460W

Nominal Maximum Power	(Pmax):	460W
Open Circuit Voltage	(Voc):	41.48V±3%
Short Circuit Current	(Isc):	14.01A±3%
Maximum operating Voltage	(Vmax):	34.20V
Maximum operating Current	(Imax):	13.45A
Maximum System Voltage		1500V
Maximum Series Fuse Rating		25A

All electrical data at Standard Test Conditions (STC): Irradiance of 1000W/m², spectrum AM1.5 and temperature of 25°C. Module fire rate is type I.
See installation instructions for installation requirements to achieve a specified fire class rating with this product.

WARNING - ELECTRIC HAZARD

This solar module produces electrical voltage when exposed to sunlight or intense artificial lights. Proper precautions associated with electrical power systems must be taken while handling and installing this product.

PLEASE READ THE INSTRUCTION MANUAL FOR MORE INFORMATION PRIOR TO INSTALLATION.

Aptos limited warranty is valid only for products purchased either directly from Aptos or from an authorized reseller who is in your region or authorized with written permission from Aptos.



AVERTISSEMENT

Une tension électrique dangereuse peut être obtenue sous l'effet de la lumière du soleil ou de sources lumineuses artificielles. Prendre des précautions appropriées lors de la manipulation et de l'installation de ce produit.

WARNING

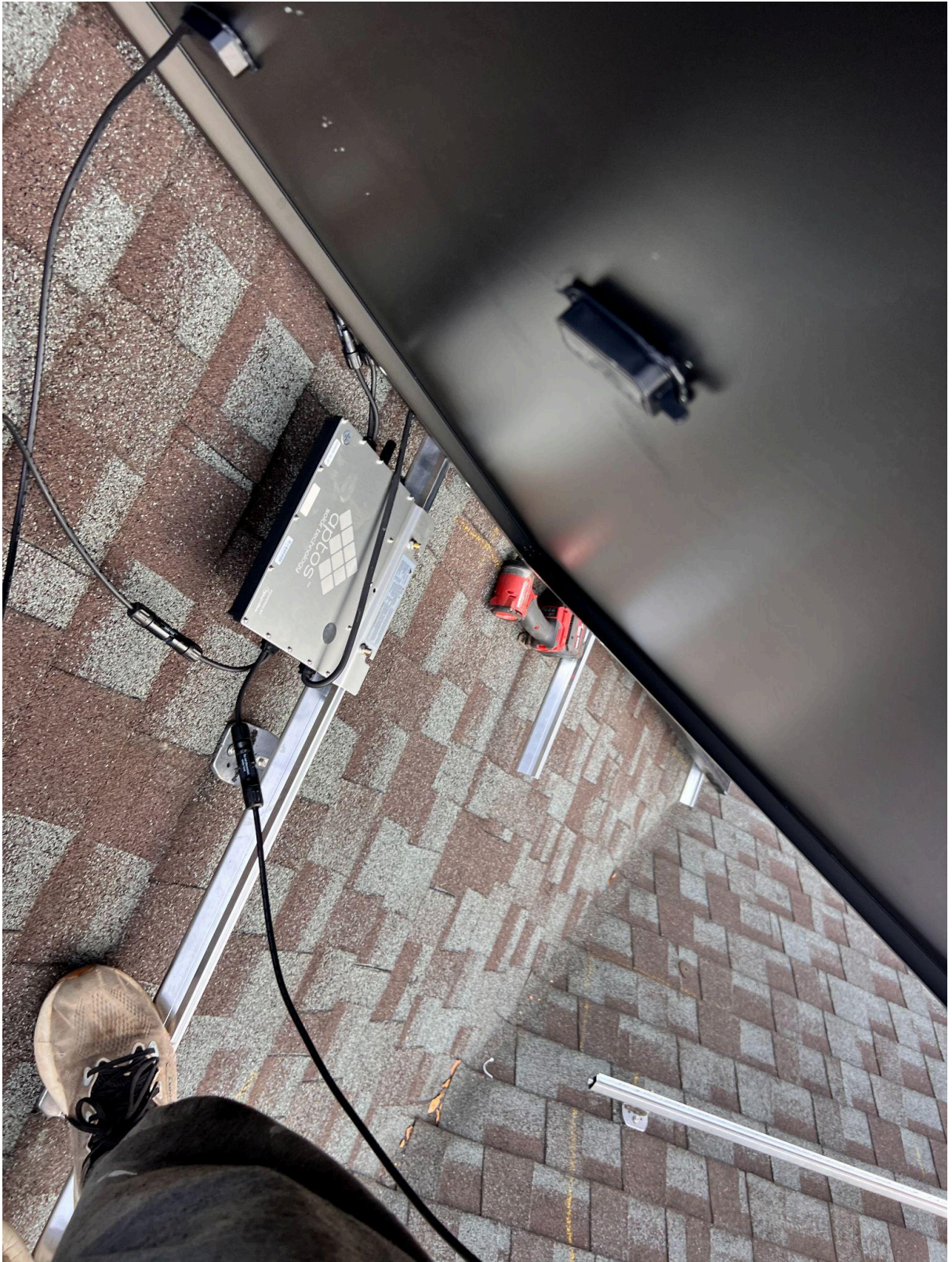
A dangerous electric voltage can be obtained from the effect of sunlight or artificial light sources. Take proper precautions while handling and installing this product.

MADE IN VIETNAM







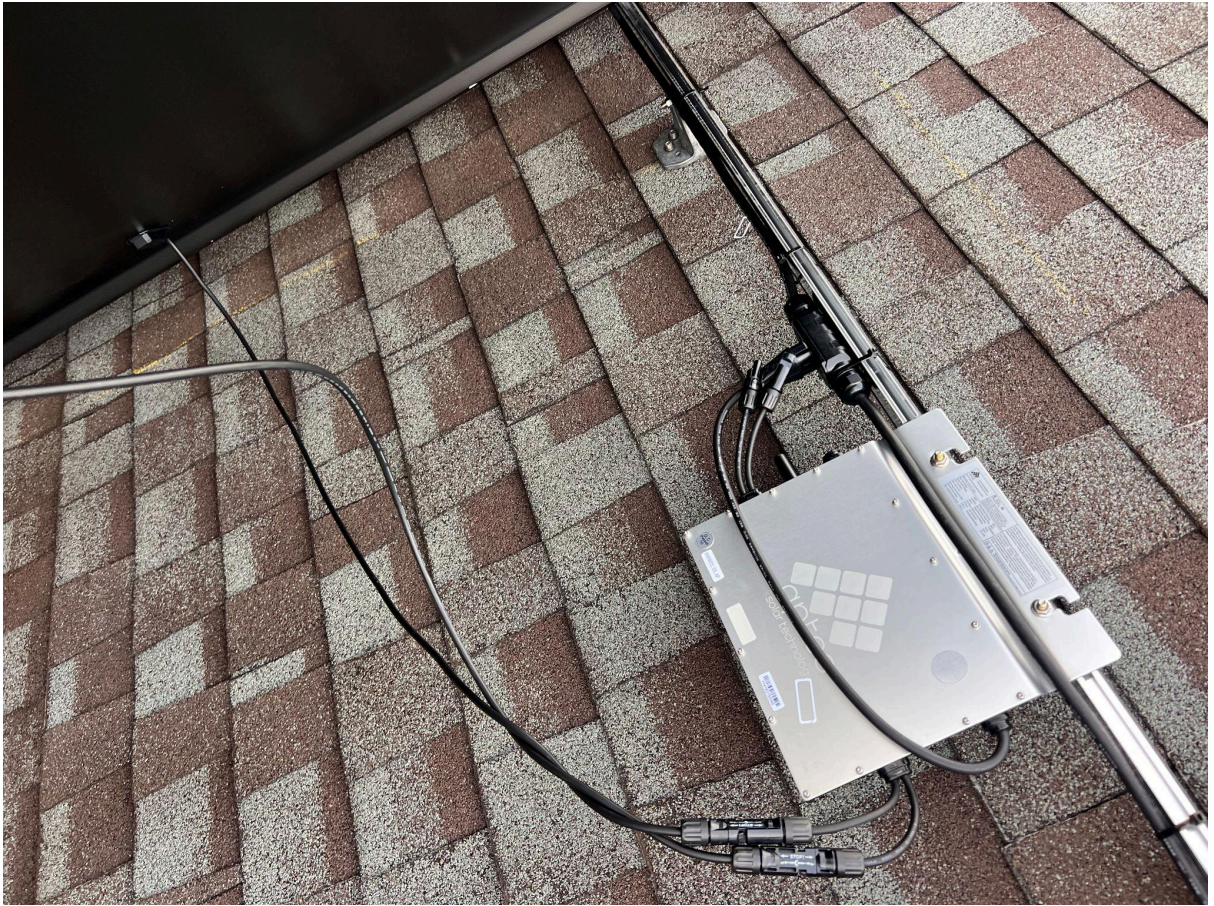










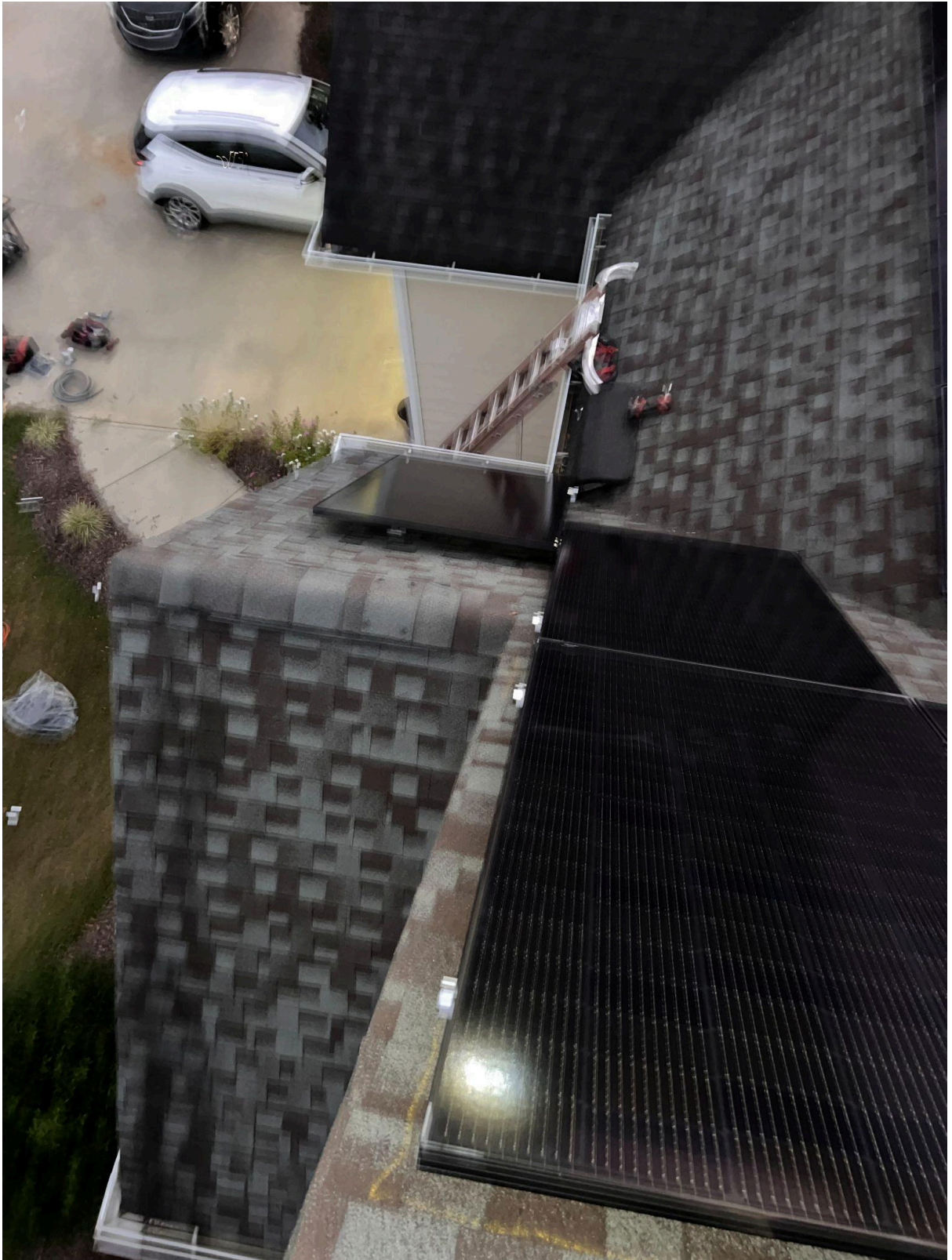






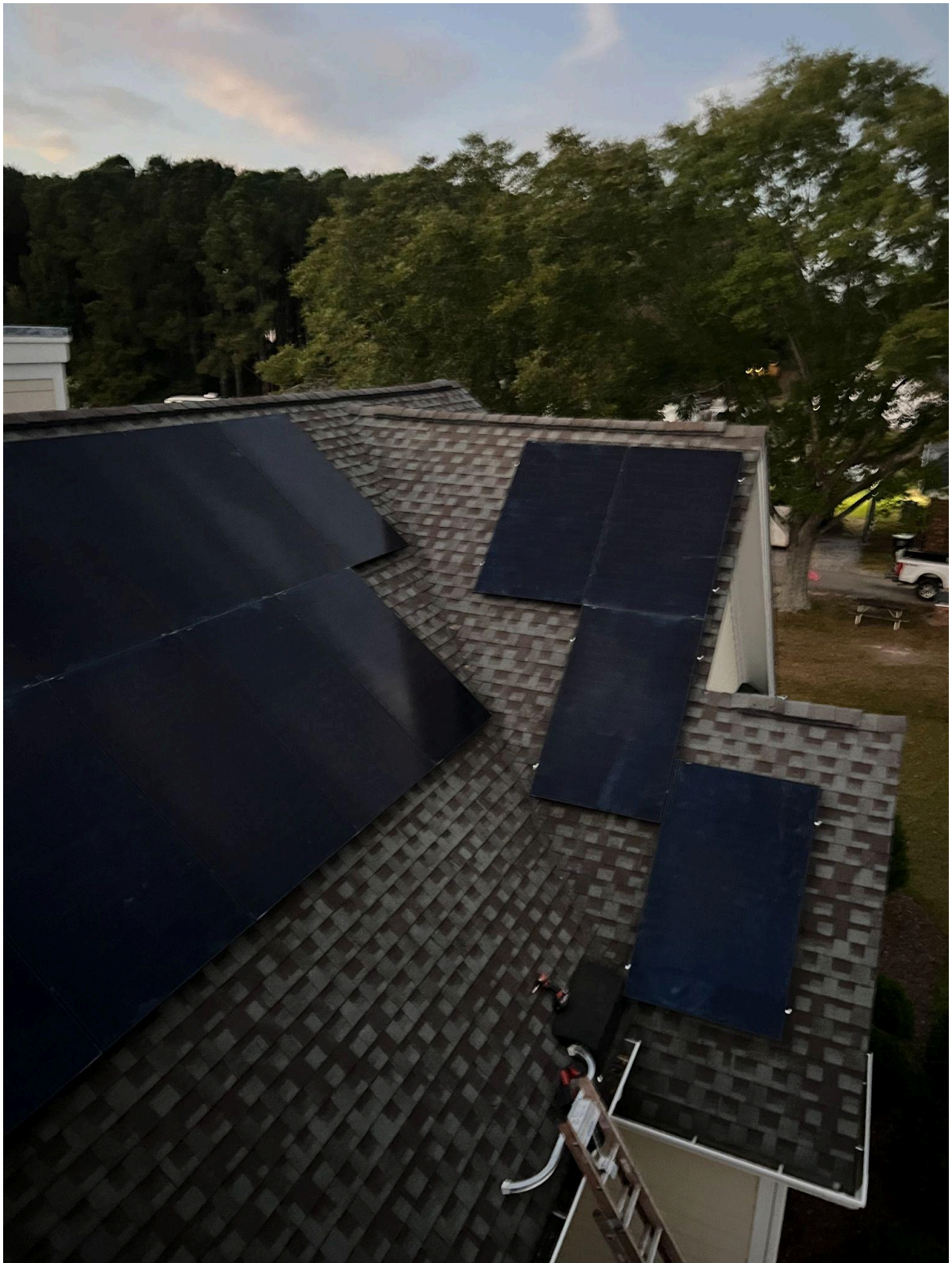






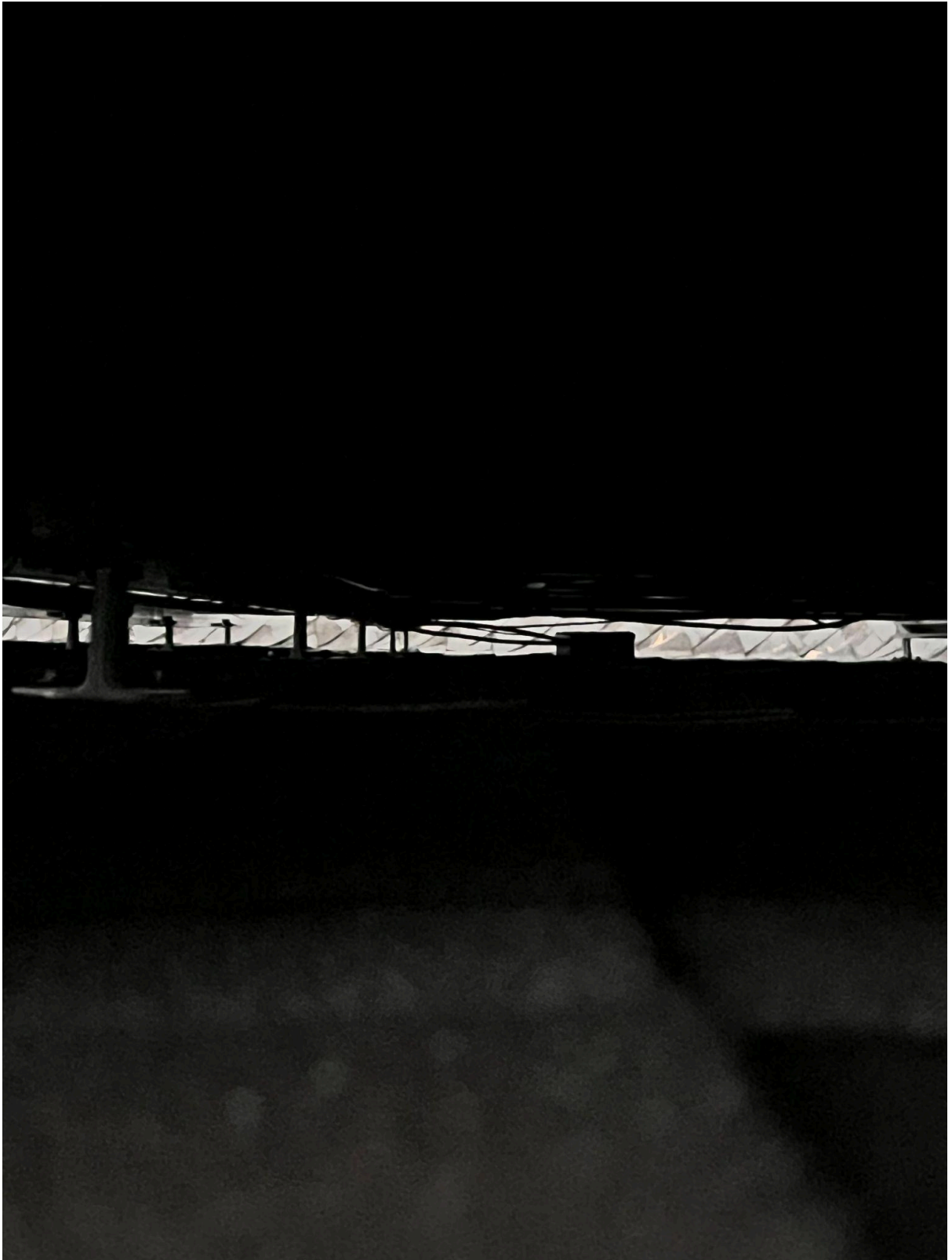
































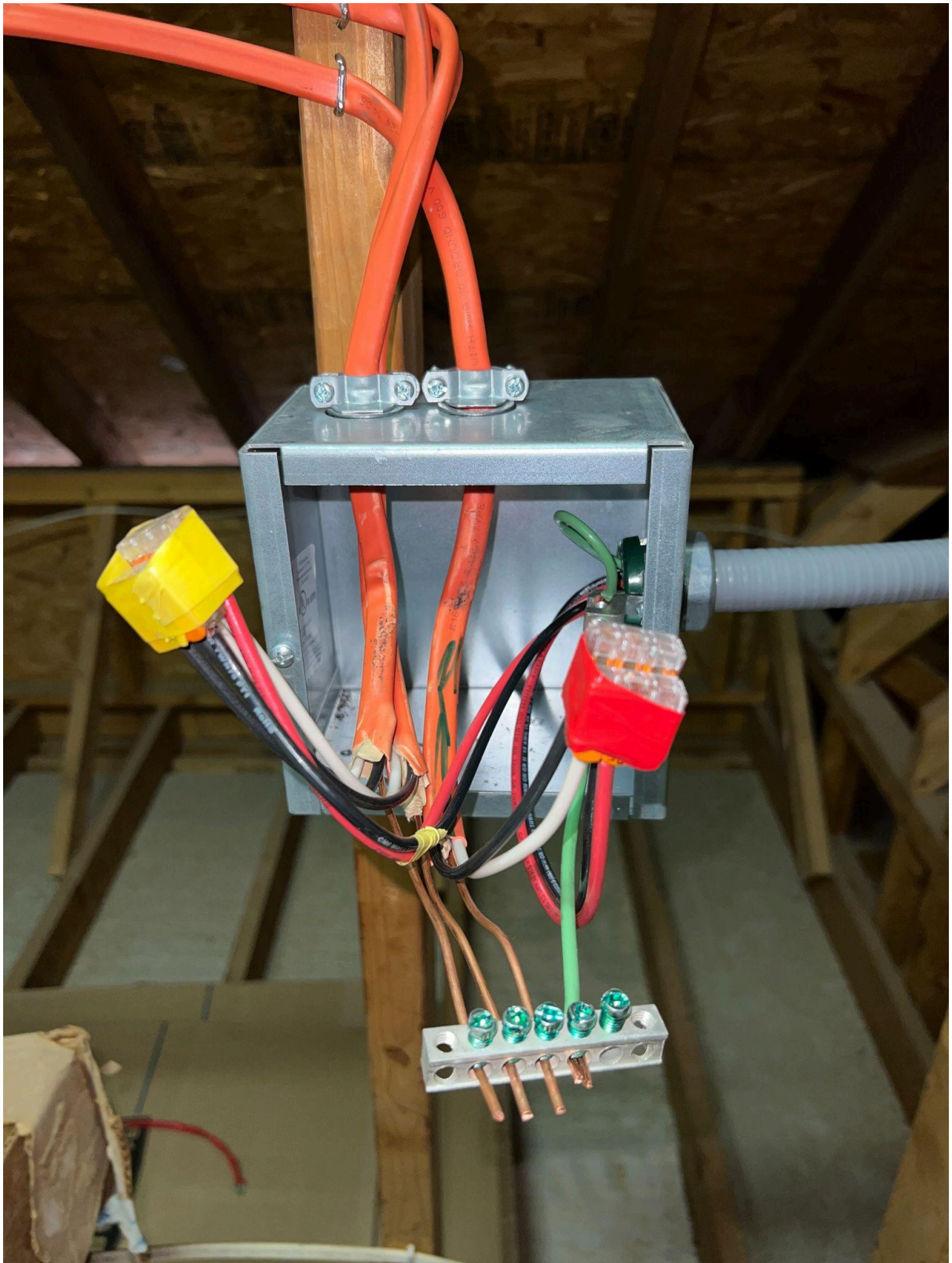


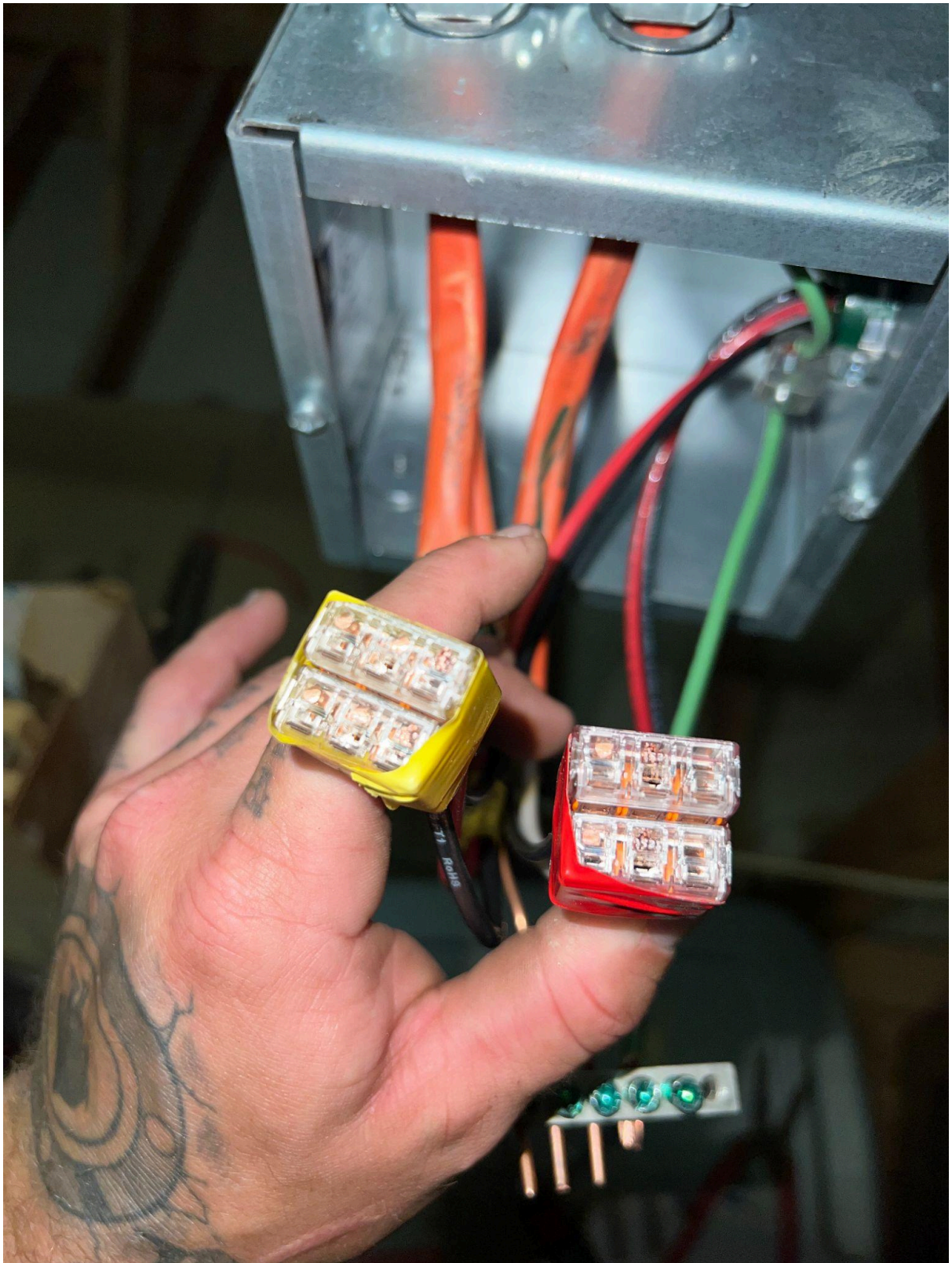


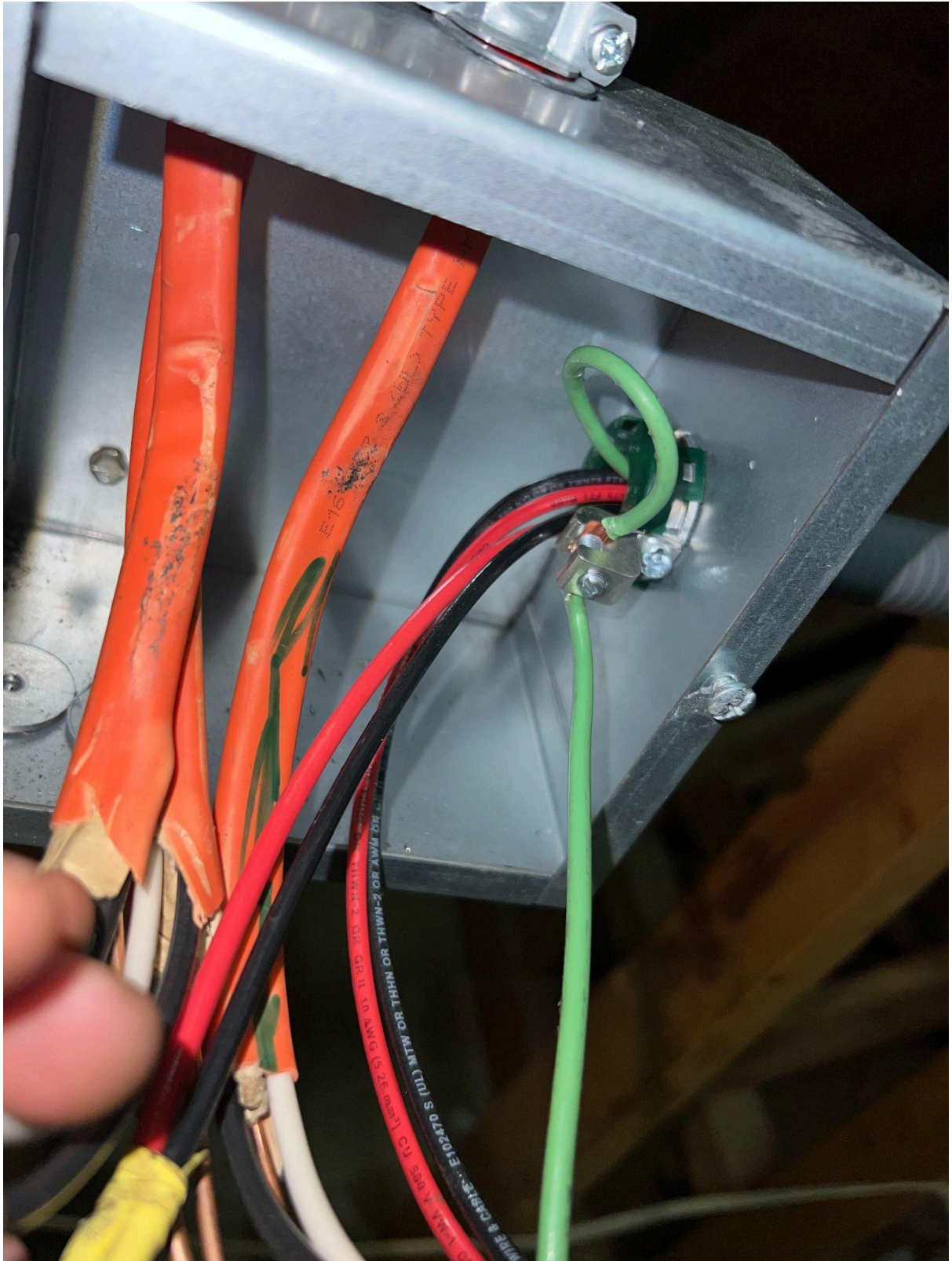




















Spectrum Setup - 17

Scout camera 287

911
FOR EMERGENCY

911
FOR EMERGENCY

22-393-5422



10F883249298

MAC-DTU (WIFI) . NA. API



Solar for Innovators
www.aptossolar.com

Model: MAC™ DTU

Input: 5V 2A

FCC ID: 2A3M4-MACDTU



Installer App



End user App

POWERED BY hpmiles



10F883249298





11:31



Add Device

* DTU-SN	10F883249298		
* Micro-SN	114183151875		
* Micro-SN	114183153902		
* Micro-SN	114183150346		
* Micro-SN	114183151798		
* Micro-SN	114183153902		
* Micro-SN	114183151798		
* Micro-SN	114183152483		
* Micro-SN	114183153117		

Add Micro

11:31



Add Device

* DTU-SN	10F883249298		
* Micro-SN	114183151875		
* Micro-SN	114183153902		
* Micro-SN	114183150346		
* Micro-SN	114183151798		
* Micro-SN	114183153902		
* Micro-SN	114183152483		
* Micro-SN	114183153117		
* Micro-SN	114183152074		

Add Micro

11:33

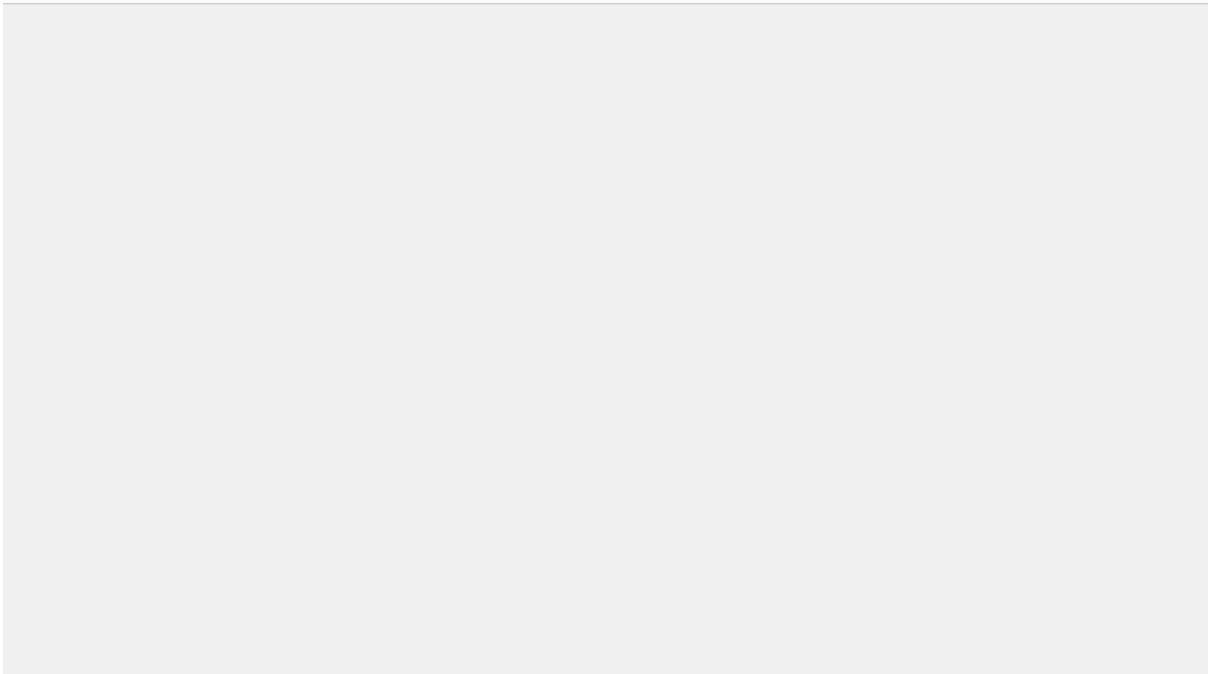


Add Device

* DTU-SN	10F883249298		
* Micro-SN	114183151875		
* Micro-SN	114183153902		
* Micro-SN	114183151798		
* Micro-SN	114183152483		
* Micro-SN	114183153117		
* Micro-SN	114183152074		
* Micro-SN	114183150346		
* Micro-SN	114183153460		



Add Micro



11:40



PV Module Layout



Default array



(0-0)	11418315 1875-1	11418315 3902-1	11418315 3902-2	11418315 3460-1	11418315 3460-2	11418315 1798-1	11418315 1798-2	(0-8)	(0-9)	(0-10)
(1-0)	(1-1)	11418315 1875-2	11418315 2074-1	11418315 2074-2	11418315 0346-1	11418315 0346-2	(1-7)	(1-8)	(1-9)	(1-10)
(2-0)	(2-1)	(2-2)	(2-3)	(2-4)	(2-5)	(2-6)	(2-7)	(2-8)	11418315 3117-2	(2-10)
(3-0)	(3-1)	(3-2)	(3-3)	(3-4)	(3-5)	(3-6)	(3-7)	11418315 2483-2	11418315 3117-1	(3-10)
(4-0)	(4-1)	(4-2)	(4-3)	(4-4)	(4-5)	(4-6)	11418315 2483-1	(4-8)	(4-9)	(4-10)
(5-0)	(5-1)	(5-2)	(5-3)	(5-4)	(5-5)	(5-6)	(5-7)	(5-8)	(5-9)	(5-10)
(6-0)	(6-1)	(6-2)	(6-3)	(6-4)	(6-5)	(6-6)	(6-7)	(6-8)	(6-9)	(6-10)
(7-0)	(7-1)	(7-2)	(7-3)	(7-4)	(7-5)	(7-6)	(7-7)	(7-8)	(7-9)	(7-10)
(8-0)	(8-1)	(8-2)	(8-3)	(8-4)	(8-5)	(8-6)	(8-7)	(8-8)	(8-9)	(8-10)
(9-0)	(9-1)	(9-2)	(9-3)	(9-4)	(9-5)	(9-6)	(9-7)	(9-8)	(9-9)	(9-10)
(10-0)	(10-1)	(10-2)	(10-3)	(10-4)	(10-5)	(10-6)	(10-7)	(10-8)	(10-9)	(10-10)

11:43

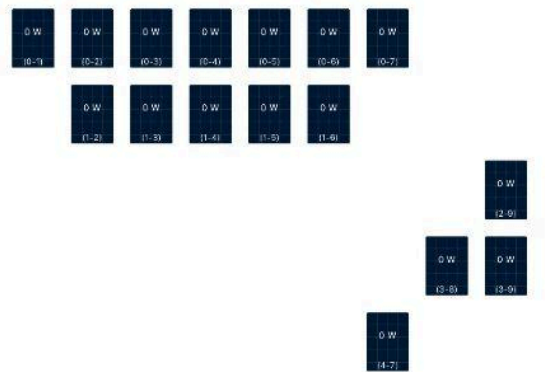


Lisa Allison

▼ Power



▼ 2025-10-02



12:01



Bind or Unbind

Bind*

lmoon11@att.net

First name*

Lisa Allison

Last name*

moon

Phone Number*

9193244700

Select the financier*

None



Select the distributor*

None



12:01



Bind or Unbind

Bind*

lmoon11@att.net

Select the financier*

None

Se

N

aGate binding successful

- Initial password: **lmoon11**
- The aGate has been successfully bound to **lmoon11@att.net**
- Please check whether the user can log in to the app and see the operating status of the FHP.

Confirm

12:19

18

< System

Internet ▲

0.7 kW
Consuming

3.7 kW
Producing

0.3 kW
Export



Charging
2.7 kW

● Charging

⊙ Self-Consumption



SN: 10060010A00X25240844

📍 5445 Red Hill Church Road, Coats, North Carolina, United States

12:25

17

< System

Internet ▲

0.8 kW
Consuming

5.7 kW
Producing

0.0 kW
Grid



● Charging

⊙ Self-Consumption



SN: 10060010A00X25240844

📍 5445 Red Hill Church Road, Coats, North Carolina, United States

12:25



System



< Oct 2, 2025

Day ▲



0.0 kWh
Discharge



0.0 kWh
Imported

0.0 kWh
Charged

0.0 kWh
Exported



0.0 kWh
Usage



0.0 kWh
Produced

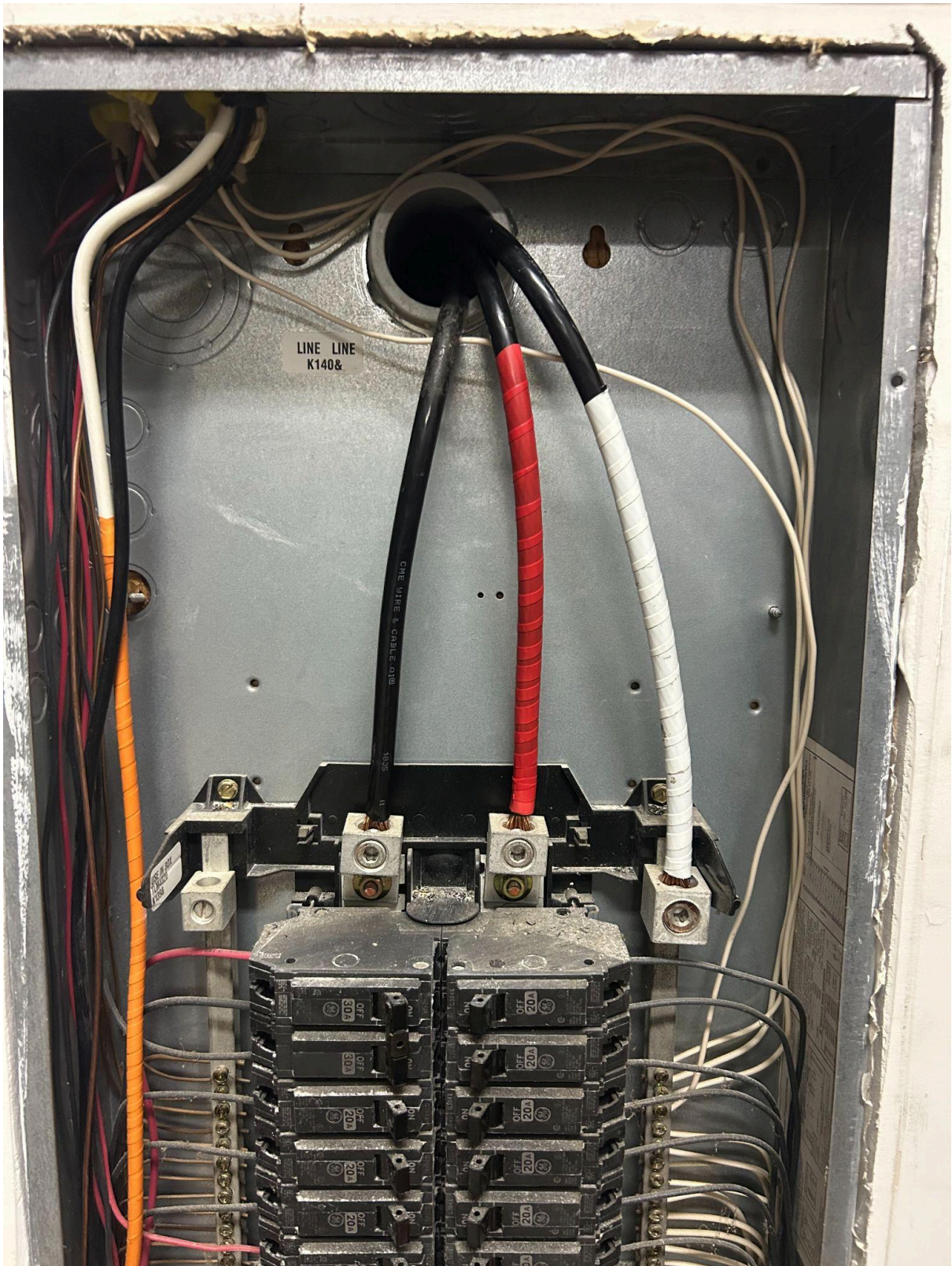


SOC

100%





















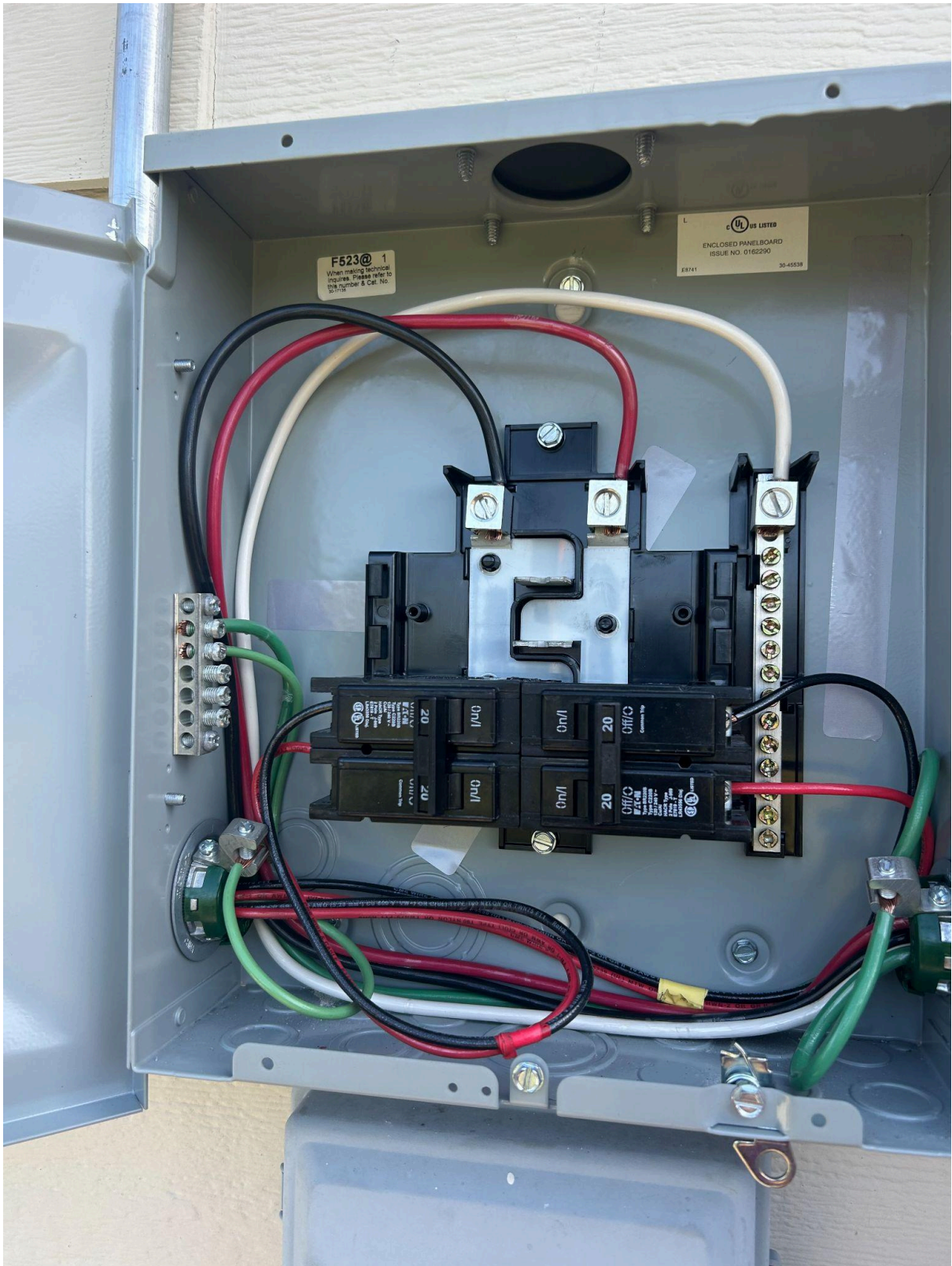


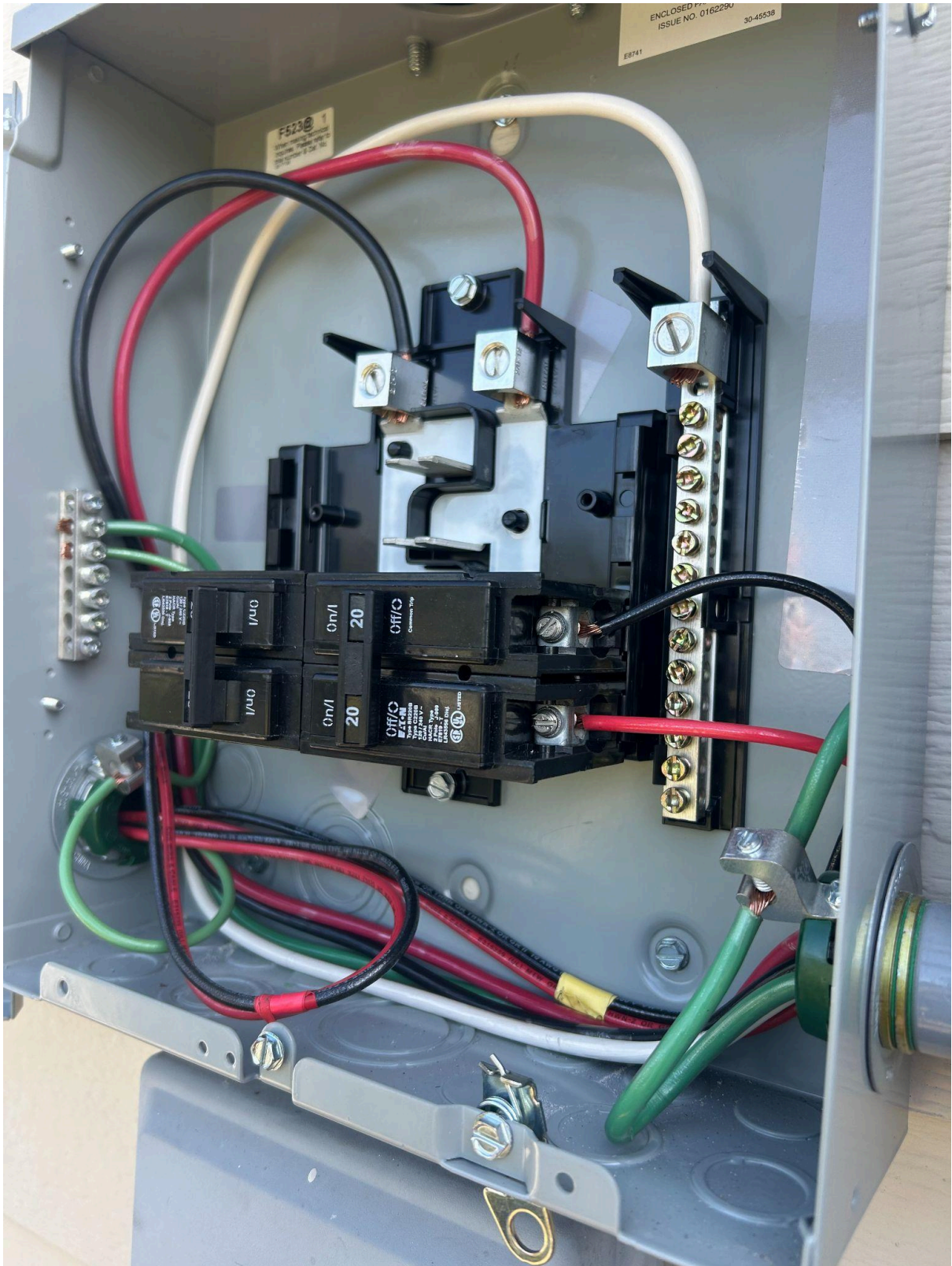


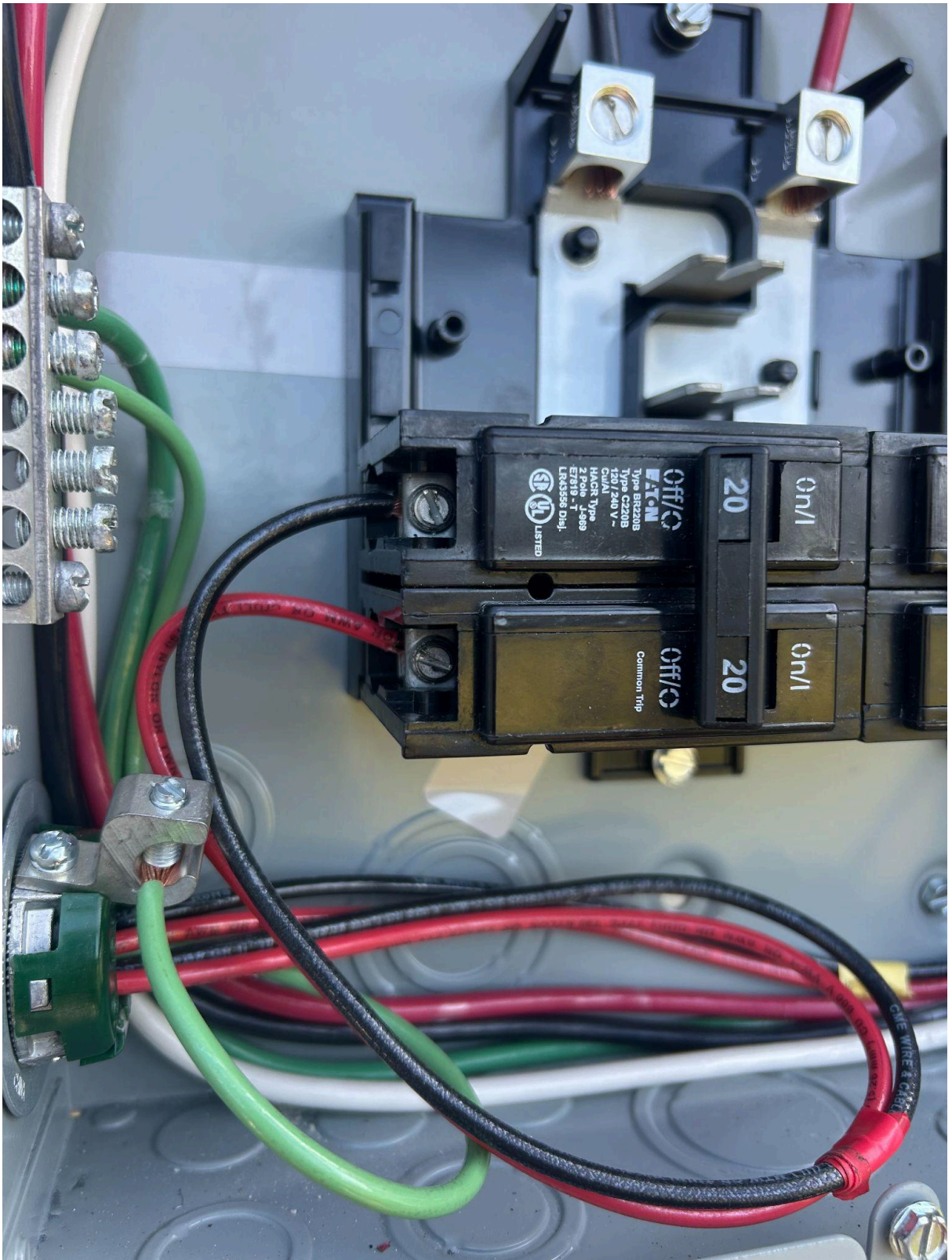










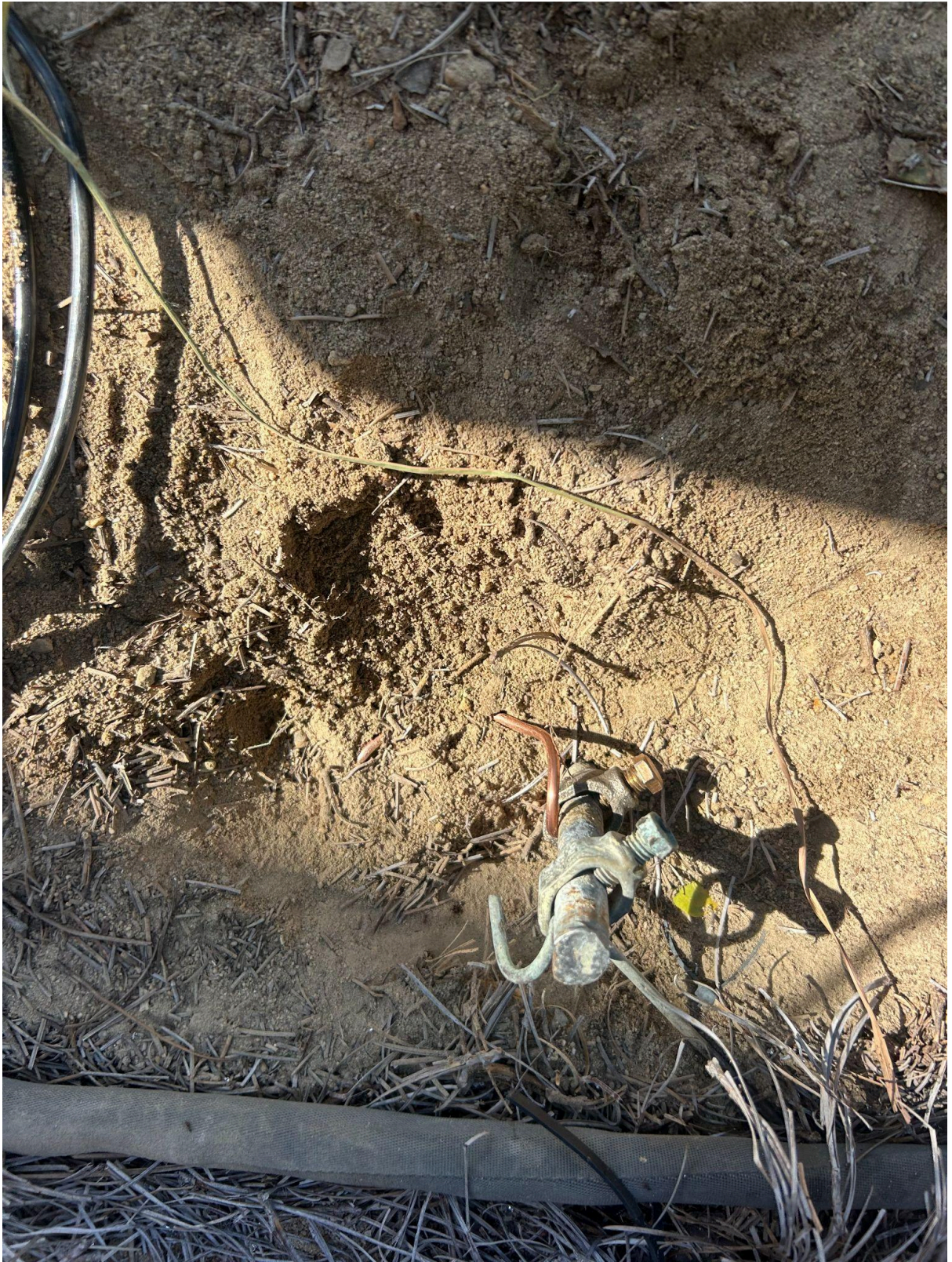




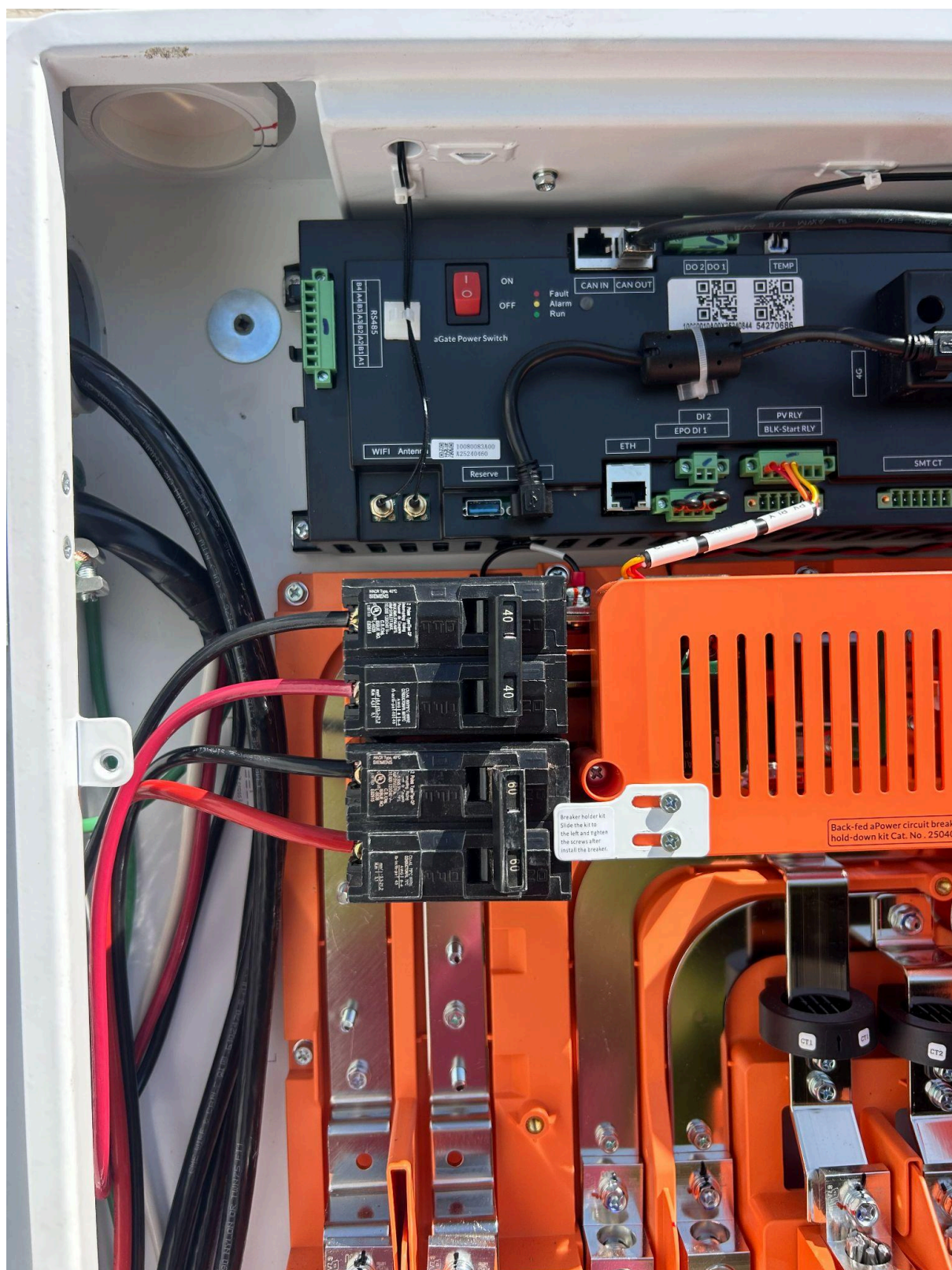


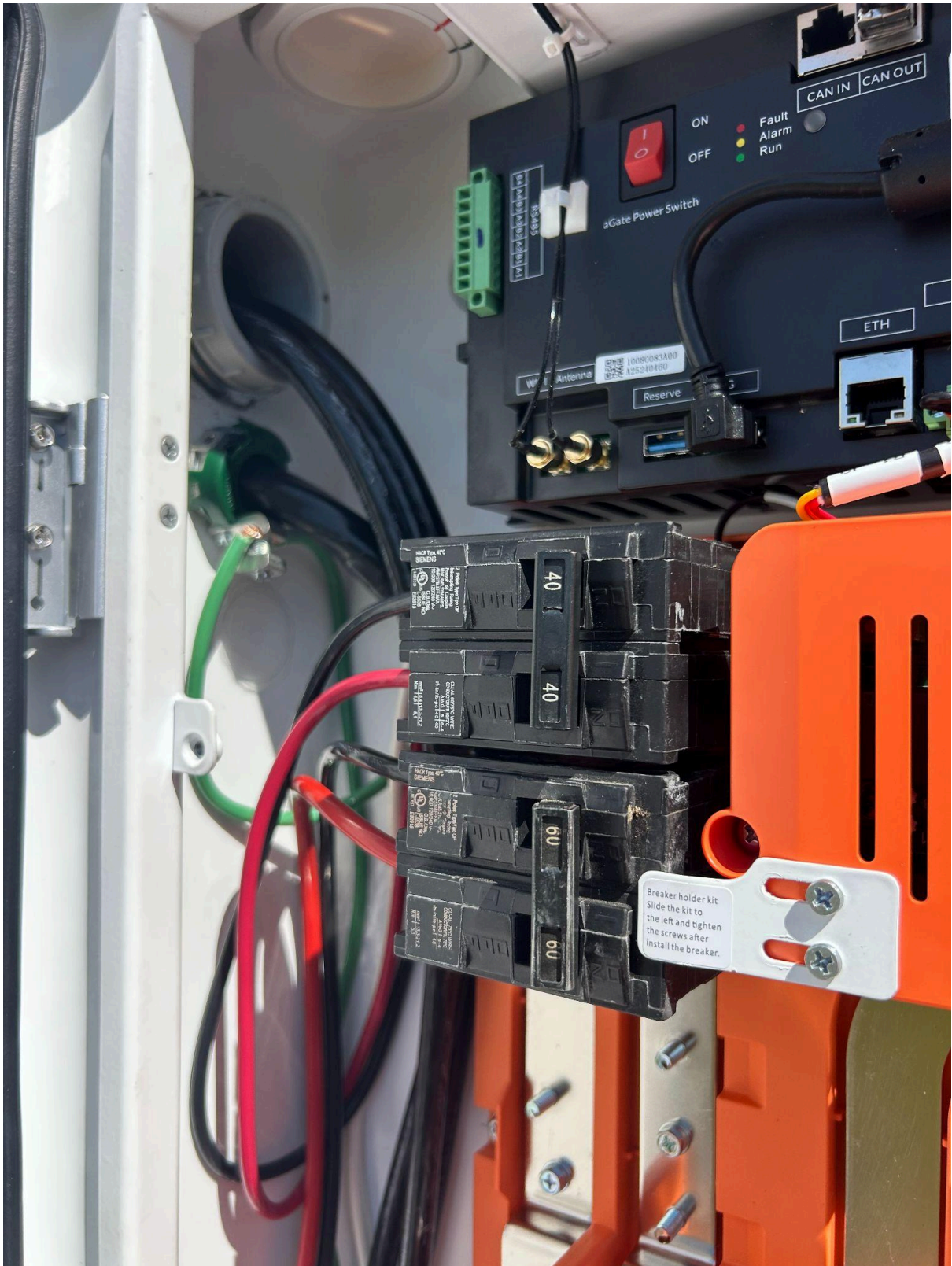














Non-backup



FranklinWH

Recommended Torque Values - Confirm with NEC, AHJ and Installed Lugs & Breakers

Connective	Hex Head Size	AWG	Torque lb In(N m)	Strap Length
Bonding Junction	N/A	N/A	27 (3.1)	1 Inch
Grid, Generator, Backup Load and Non-backup Load Lugs	1/8 Inch	4 AWG-2/0 AWG	110 (12.4)	1 Inch
		3/0 AWG-250 kcmil	275 (31.1)	1 Inch
Neutral Bar and Ground Bar	1/8 Inch	3/0 AWG-250 kcmil	275 (31.1)	1 Inch
		4 AWG-2/0 AWG	110 (12.4)	1 Inch
	3/16 Inch	3 AWG-2/0 AWG	110 (12.4)	1 Inch
		14 AWG-4 AWG	35 (3.9)	1 Inch
Grid, Generator Breakers	1/2 Inch	14 AWG-4 AWG	26 (2.9)	1 Inch
		2 AWG-300kcmil	250 (28.2)	1 Inch
PV Inverter, aPower Breakers	3/8 Inch	8 AWG	25 (2.8)	0.4 Inch
		6-4 AWG	27 (3.1)	0.4 Inch
		3-1/0 AWG	45 (5.1)	0.4 Inch
		4-2 AWG	50 (5.6)	0.5 Inch
Smart Load Breakers	1/2 Inch	6 AWG	35 (3.9)	0.5 Inch
		8 AWG	25 (2.8)	0.5 Inch

their corresponding tightening values as shown below.

Size	Torque lb In(N m)
1/8	1.03lb-ft (1.4N-M)
3/16	2.21lb-ft (3N-M)
1/2	4.42lb-ft (6N-M)

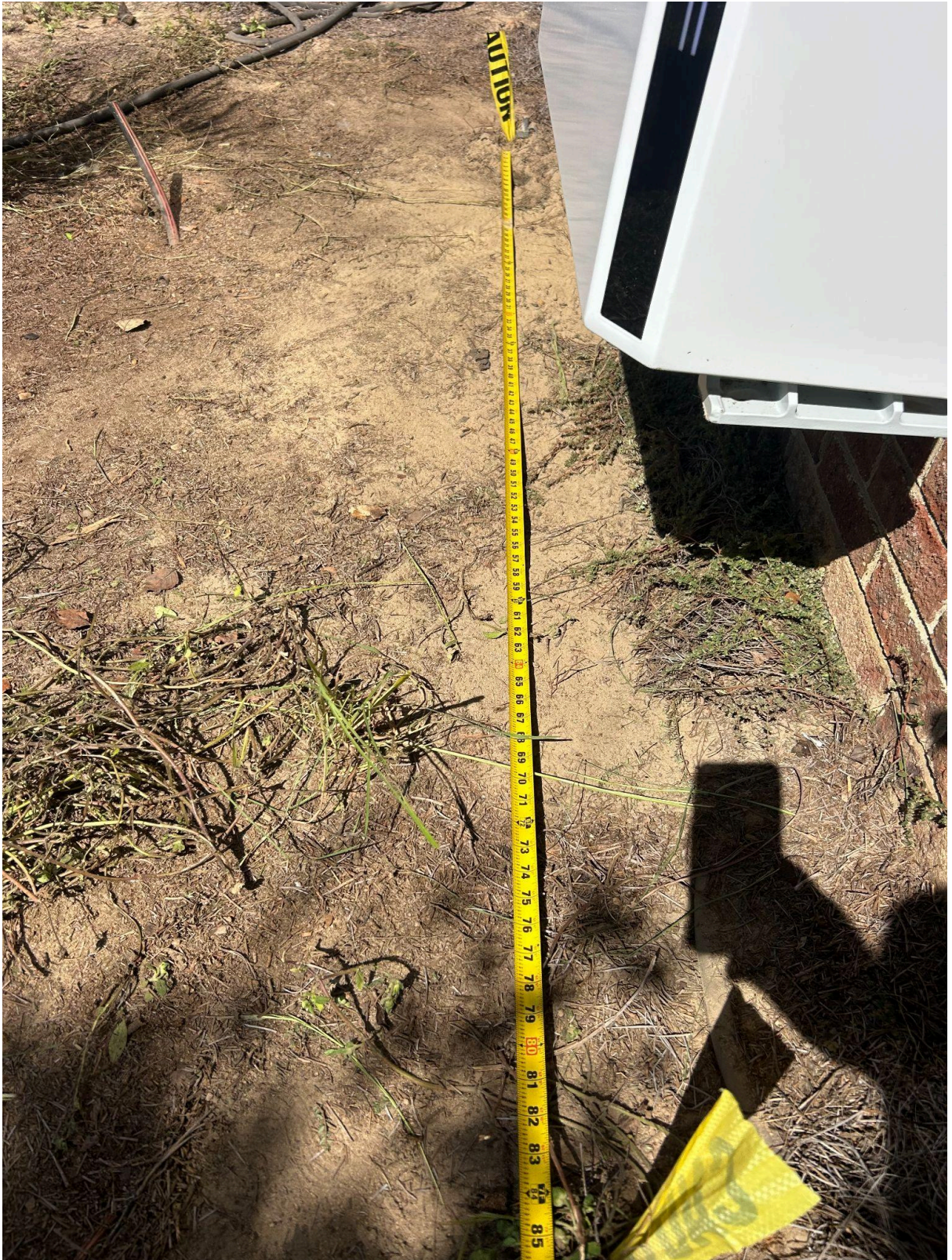
Bonding



WARNING

Do not operate the device at temperatures above 100°F (38°C). Do not operate the device at temperatures below 32°F (0°C).









CAUTION
SOLAR ELECTRIC SYSTEM CONNECTED

WARNING
PHOTOVOLTAIC SYSTEM
COMBINER PANEL
DO NOT ADD LOADS

WARNING
POWER SOURCE
OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

DANGER
FATAL RISK OF ELECTRIC SHOCK
DO NOT OPEN
FOLLOW THE INSTRUCTIONS
IN THE MANUAL

SOLAR POINT OF INTERCONNECTION

TELEPHONE
NETWORK
INTERFACE

SNAP

CUSTOMER

⚠ WARNING
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY
AND PV SOLAR ELECTRIC SYSTEM

PHOTOVOLTAIC
SYSTEM kWh METER

⚠ CAUTION ⚠
SOLAR ELECTRIC SYSTEM CONNECTED







AC JUNCTION BOX

⚠ WARNING

ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS
TERMINALS ON BOTH THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

CAUTION SOLAR CIRCUIT

**WARNING: PHOTOVOLTAIC
POWER SOURCE**







PHOTOVOLTAIC POWER SOURCE

OPERATING AC VOLTAGE 240 V

MAXIMUM OPERATING
AC OUTPUT CURRENT 32 A

pvlabels.com

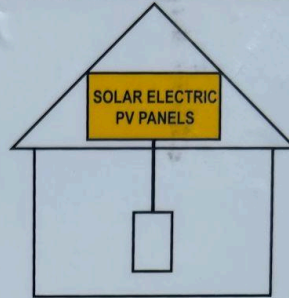
03-390



usaflags.com 80-121

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

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



WARNING

ELECTRIC SHOCK HAZARD

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

pvlabs.com

05-215

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

02-310

02-310















