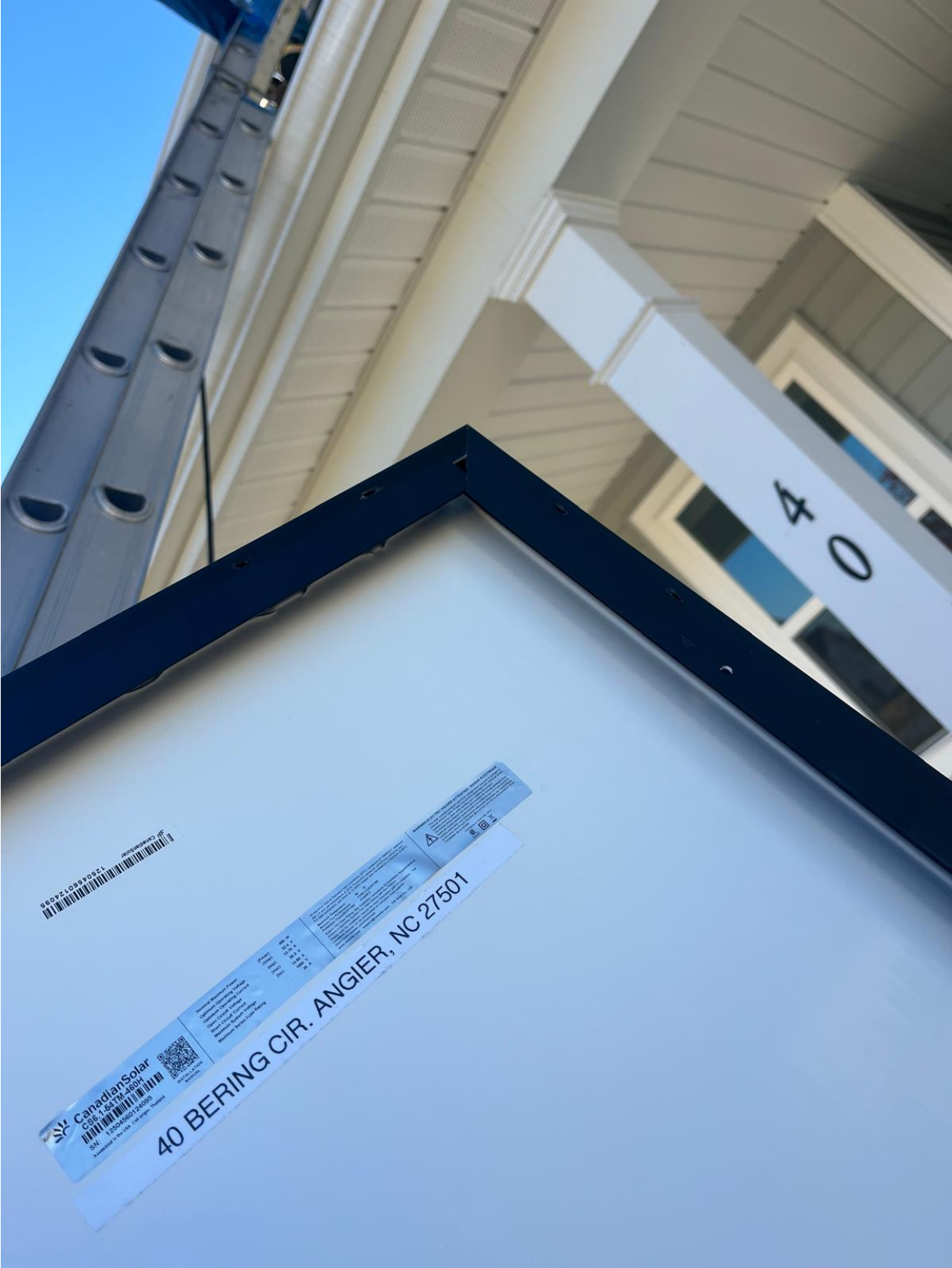






CanadianSolar
12504560124095

**CanadianSolar**
CS6.1-54TM-460H
SN: 12504560124095
Assembled in the USA. Cell origin: Thailand


INSTALLATION
MANUAL

Nominal Maximum Power	(P _{max})	460 W
Optimum Operating Voltage	(V _{mp})	33.4 V
Optimum Operating Current	(I _{mp})	13.78 A
Open Circuit Voltage	(V _{oc})	39.3 V
Short Circuit Current	(I _{sc})	14.69 A
Maximum System Voltage		1500 V
Maximum Series Fuse Rating		25 A

All electrical data at Standard Test Conditions (STC): irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C. Production tolerance: ±3% (P_{max}), ±5% (V_{oc}, I_{sc}). For best connection, use 4mm² & 14 AWG copper wire insulated for a minimum of 90°C.

Maximum Temperature: 85 °C
Module Fire Performance: TYPE 2 (UL41730)
Protection Classification: CLASS I

System Fire Class Rating: See Installation Instructions for Installation Requirements to Achieve a Specified System Fire Class Rating with this Product.
Please read the installation manual for more information prior to installation. The installation manual can be downloaded on Canadian Solar website:
<https://www.canadiansolar.com/downloads>
www.canadiansolar.com support@canadiansolar.com CSI Solar Co., Ltd.

WARNING-ELECTRIC HAZARD / ATTENTION - RISQUE ELECTRIQUE

This solar module produces electrical voltage when exposed to sunlight or intense artificial light. Proper precautions associated with electrical power systems must be taken while handling and installing the product.
Ce module photovoltaïque est conçu pour produire de l'énergie électrique sous lumière artificielle. Les précautions adéquates associées aux systèmes de production électrique doivent être prises lors de la manipulation et de l'installation de ce produit.



Conforms to UL41730: 2017
2014

40 BERING CIR. ANGIER, NC 27501



























MCI-2 | PV RAPID
SHUTDOWN EQUIP
(P) 1879359-15-B
(S) GF225240000PWY

MAX DC VOLTAGE 1000V
OPERATING DC VOLTAGE 0-165V
MAX CURRENT 15A

MAX SHORT CIRCUIT CURRENT 19A
SHUTDOWN TIME LIMIT 10SEC
OPERATING TEMP -45C TO 70C
NEMA 4X/IP65
MADE IN USA



Intertek
5015303

CONFORMS TO UL STD 1741















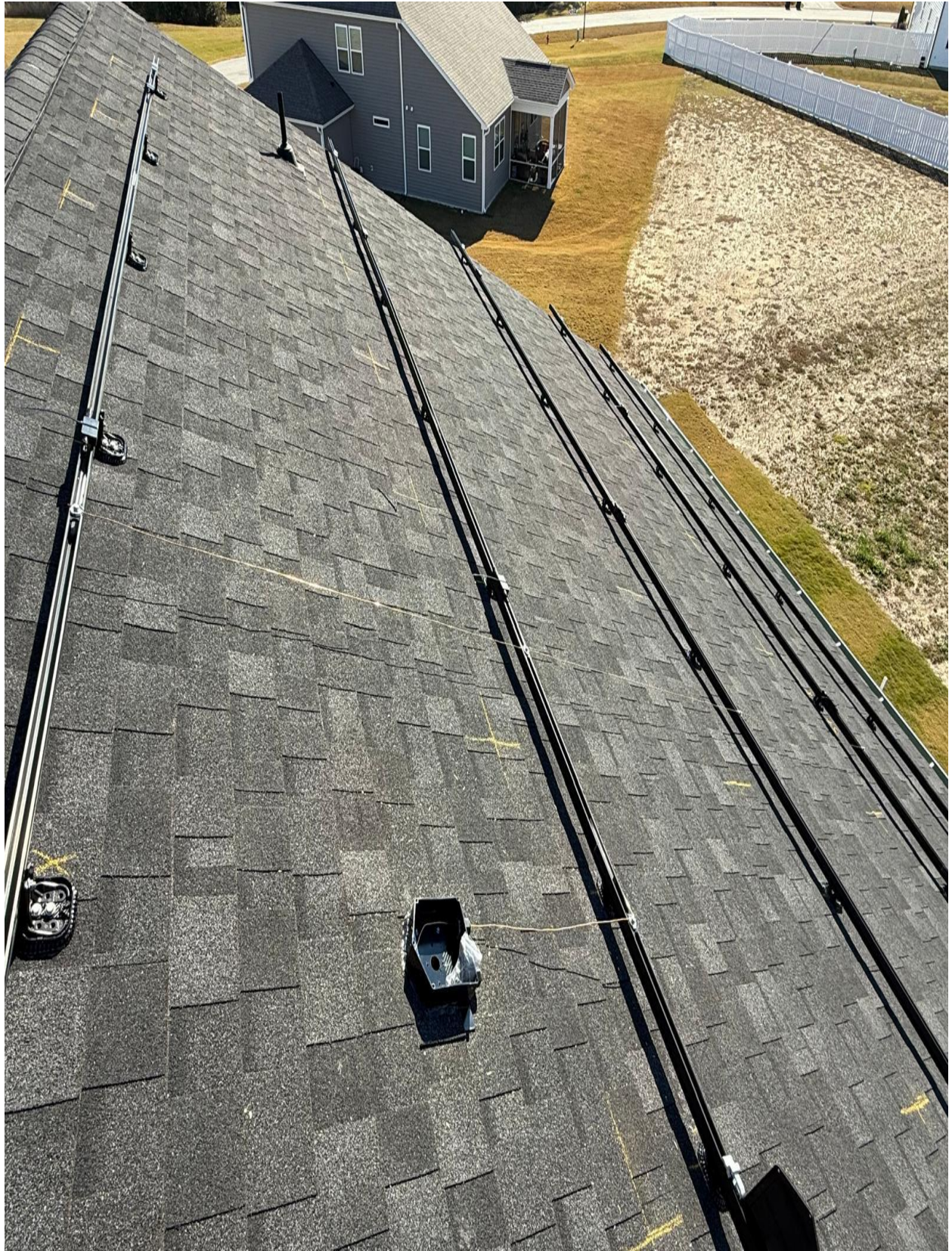






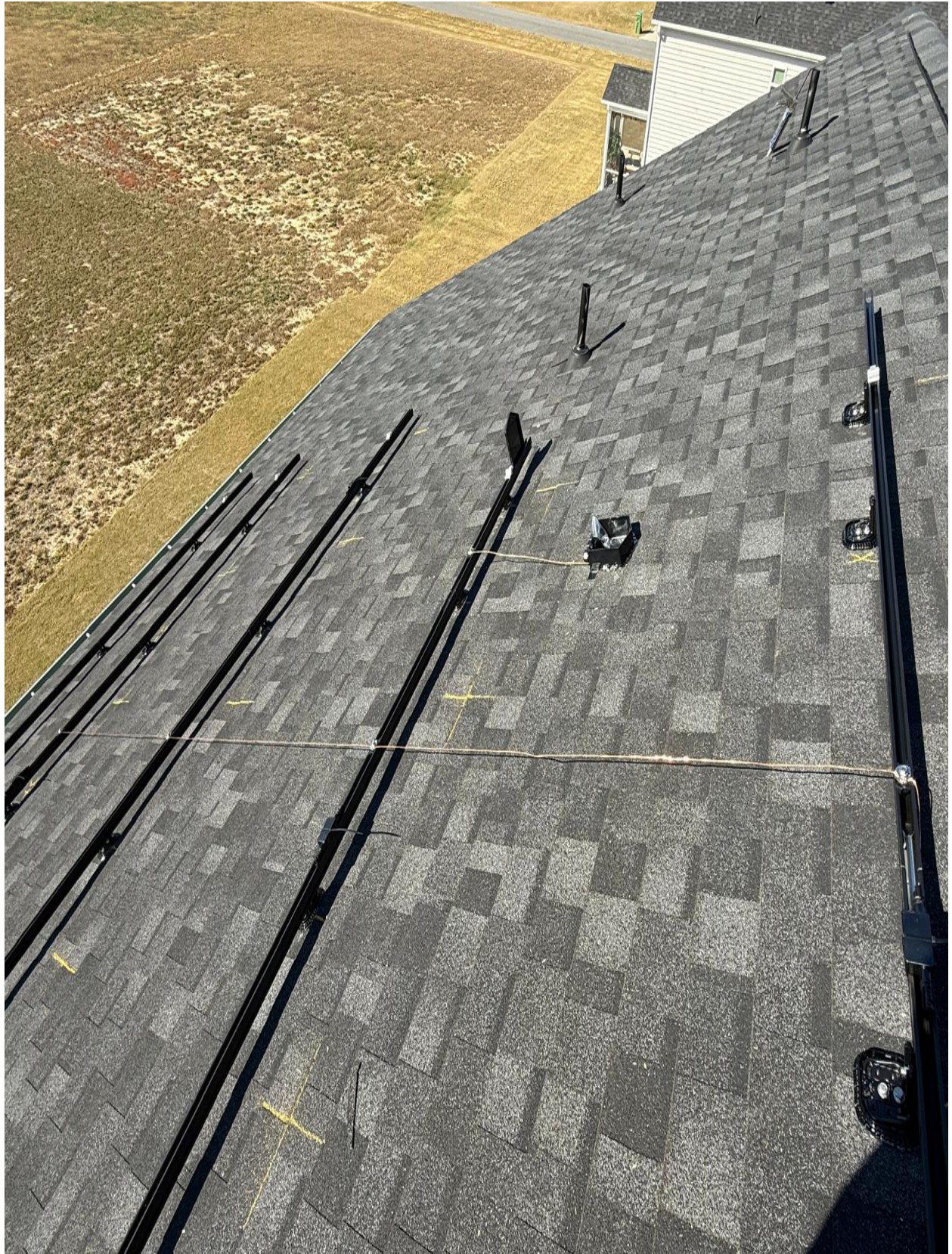


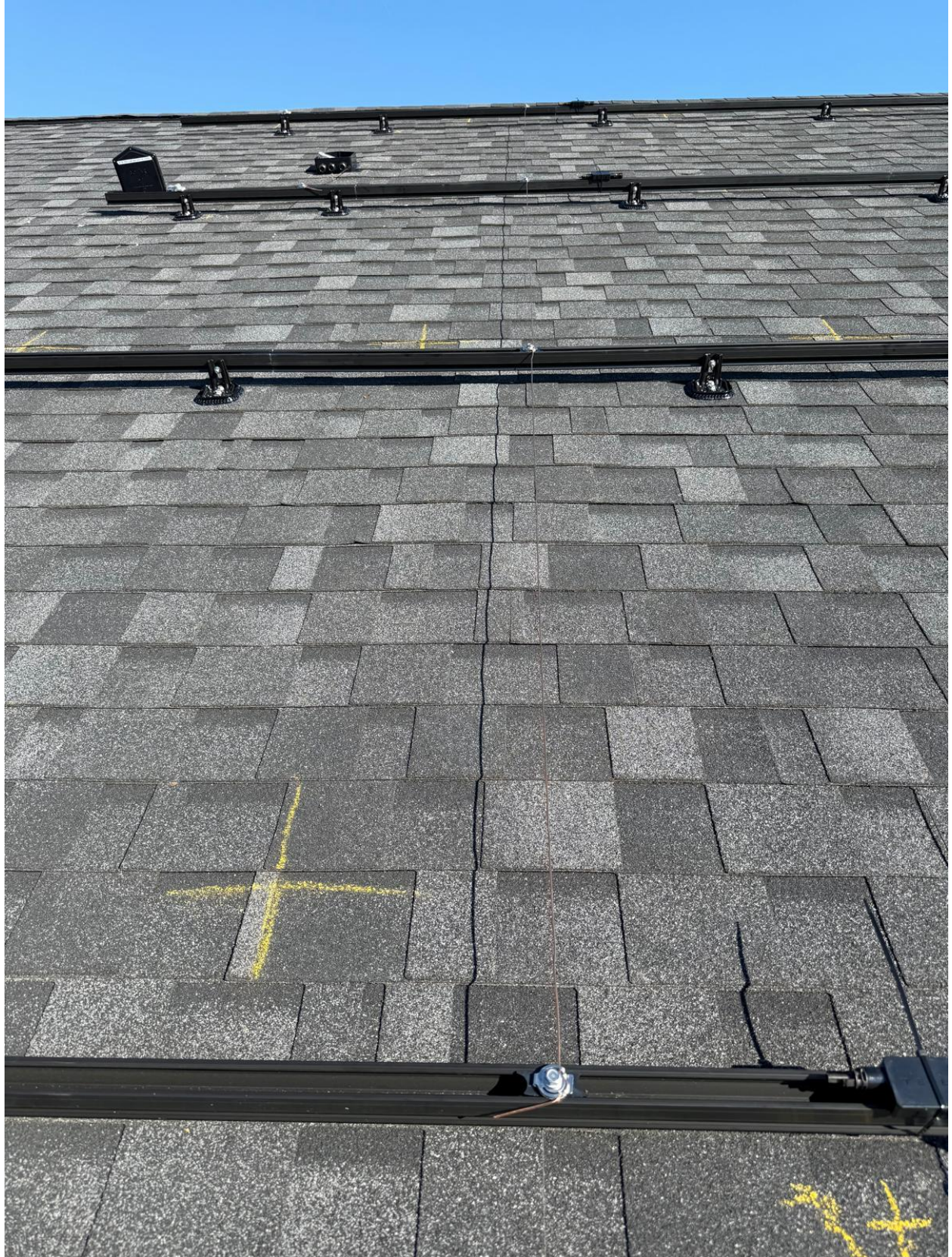
















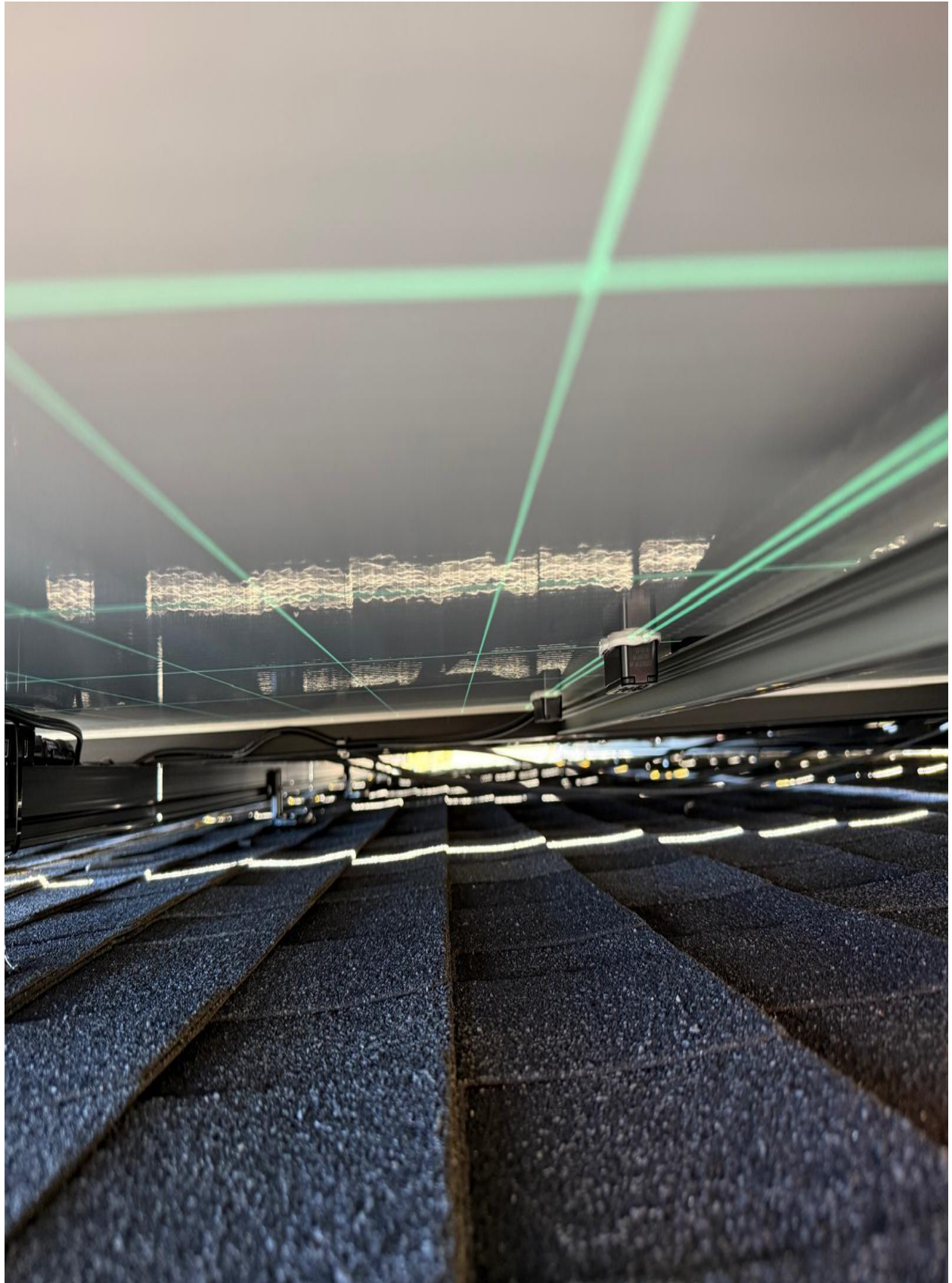




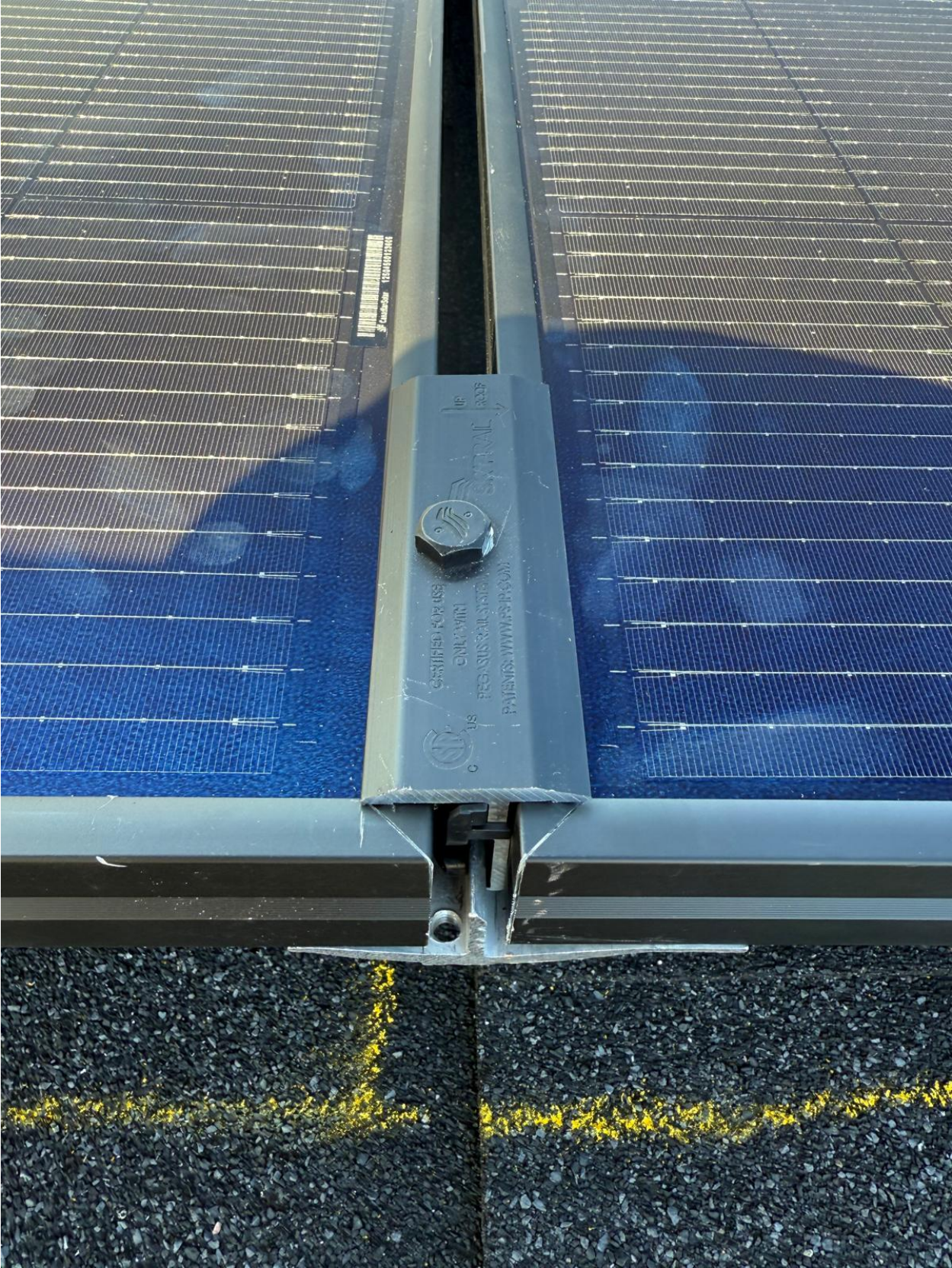




















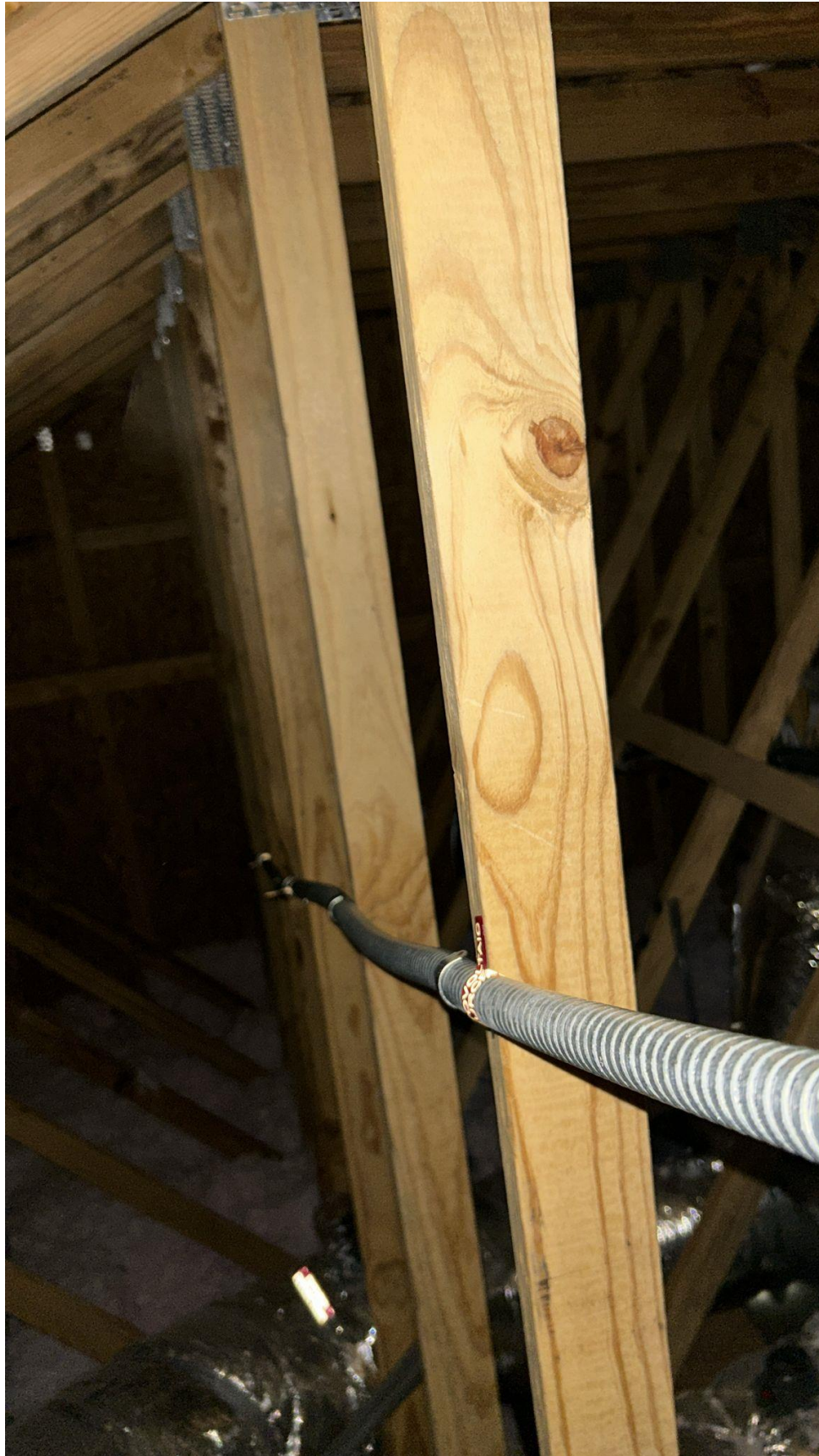




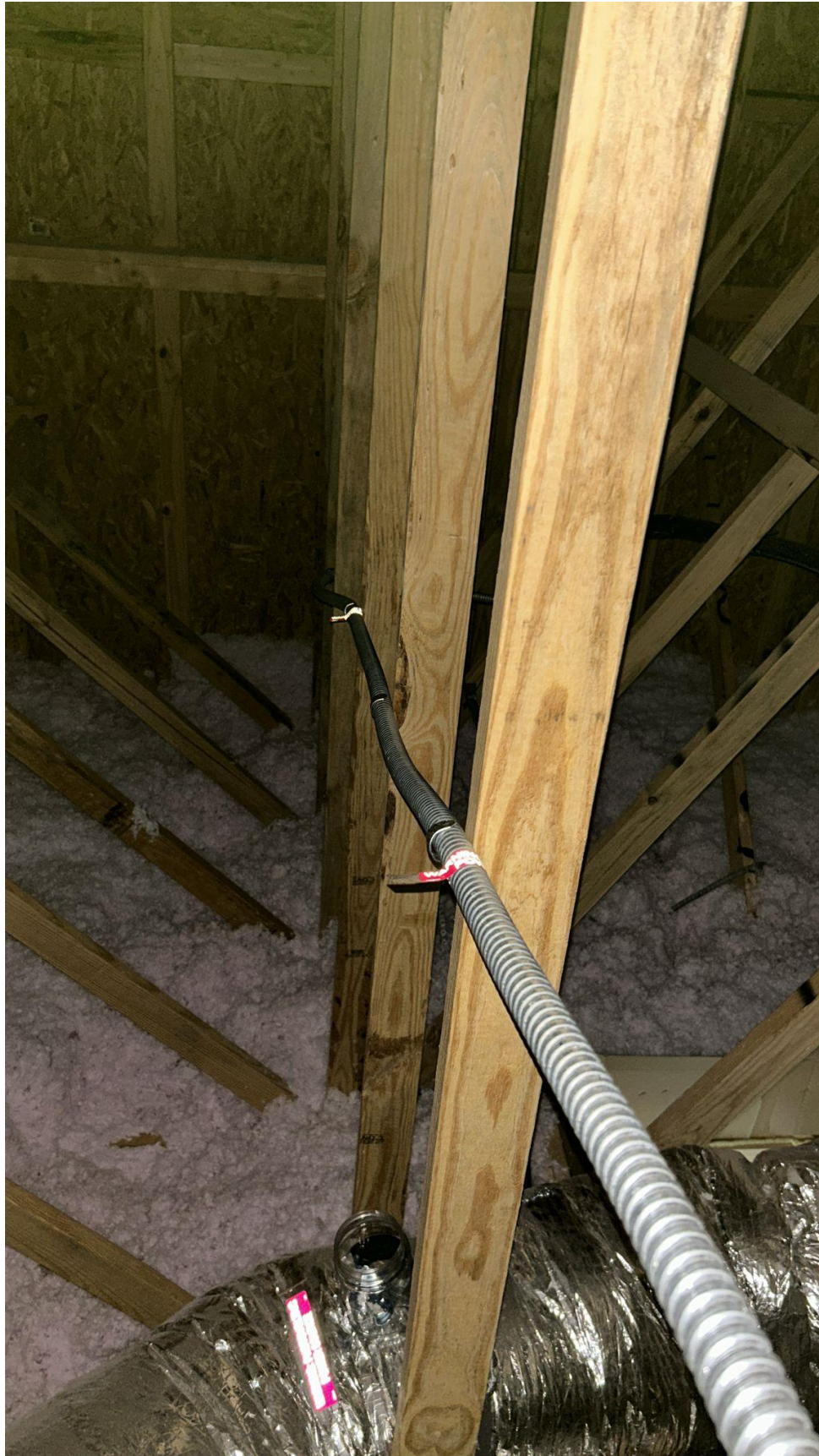










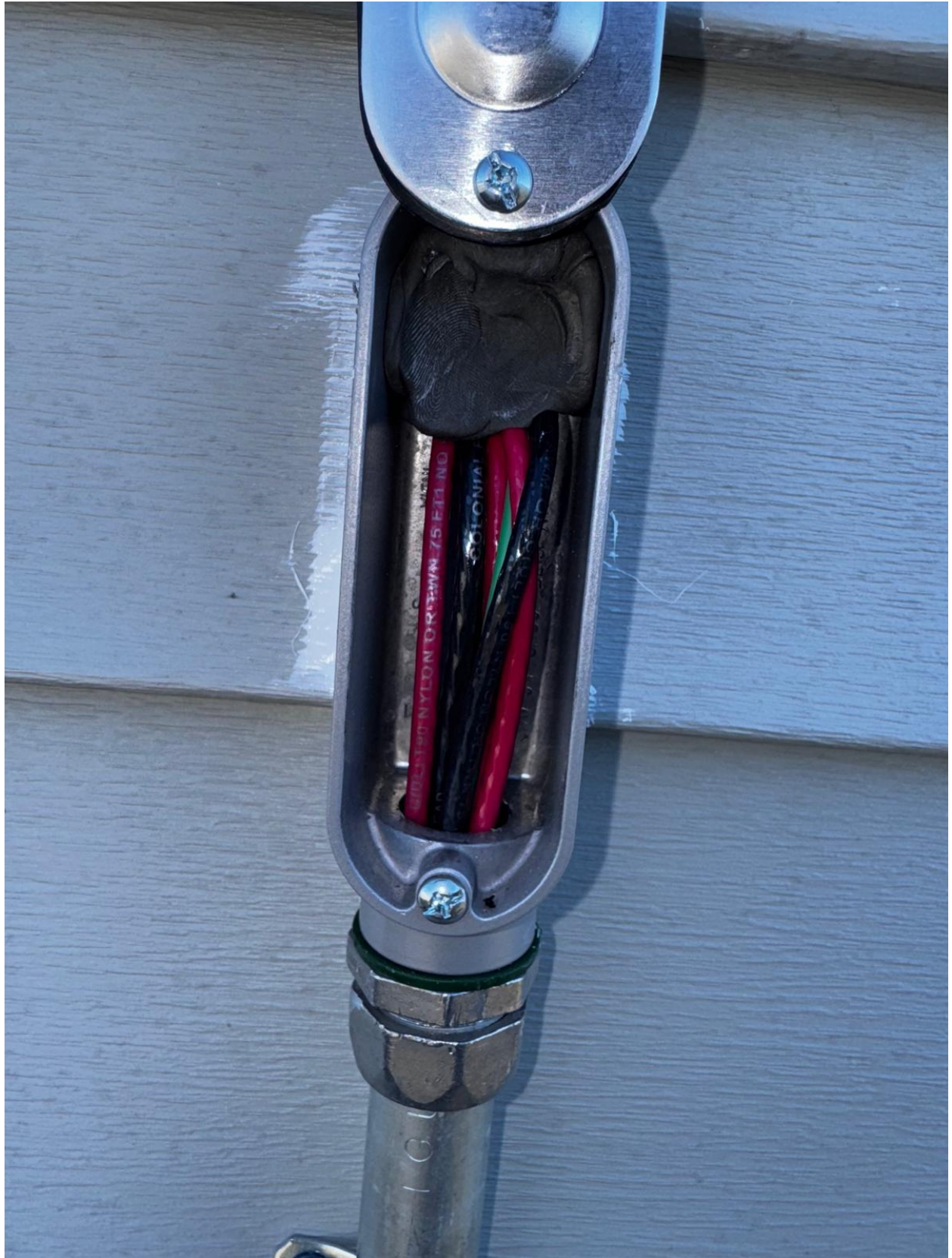












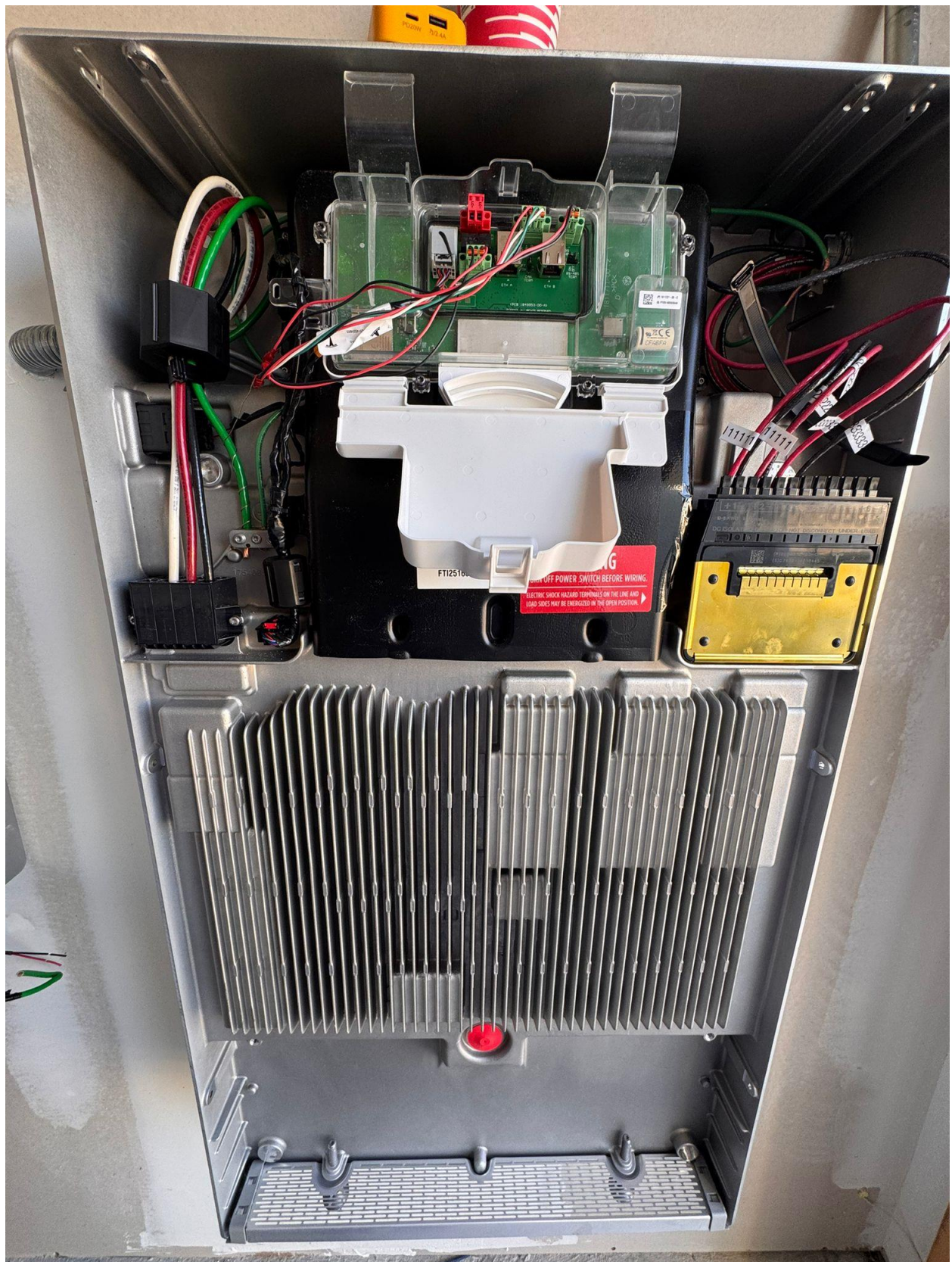


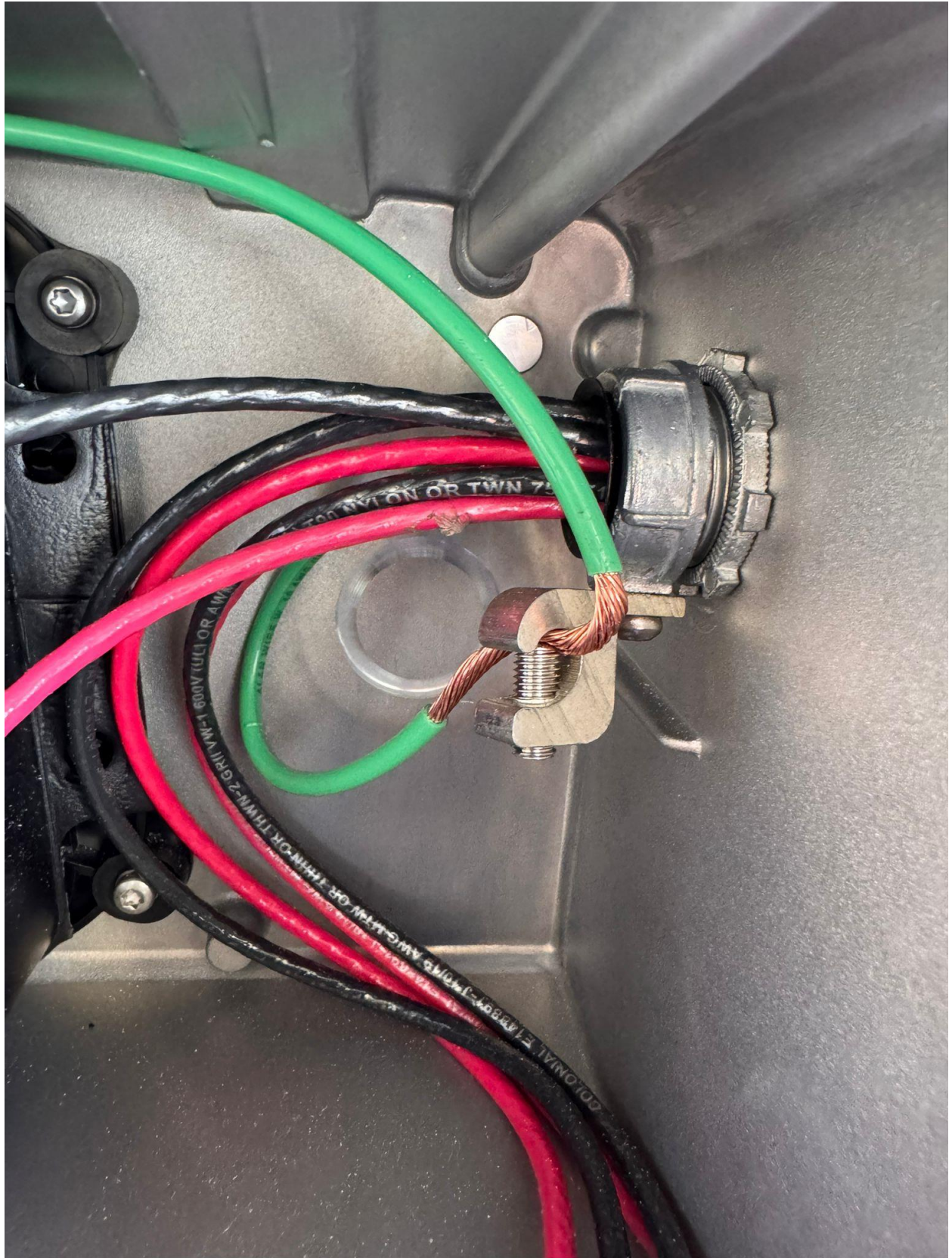


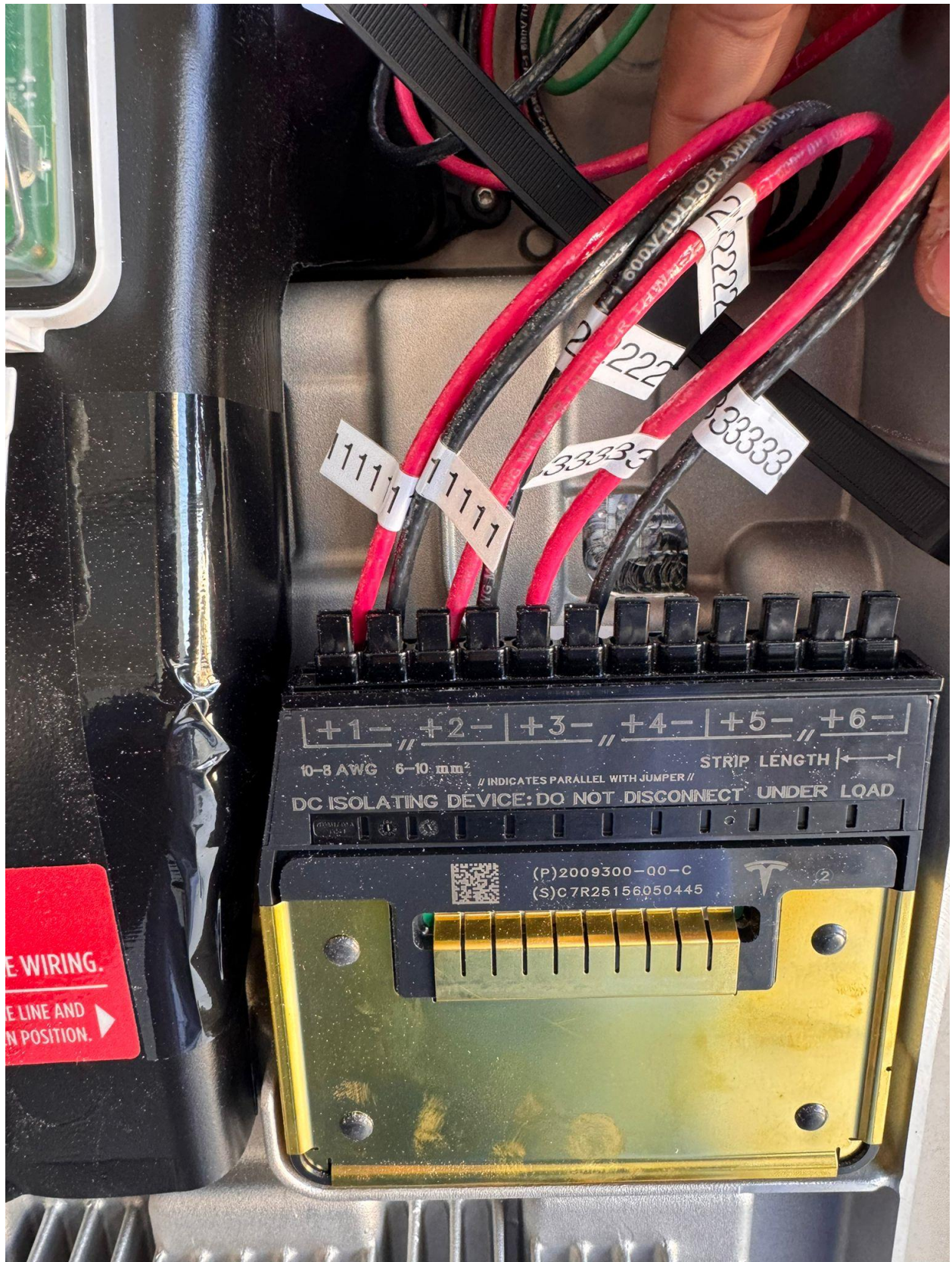




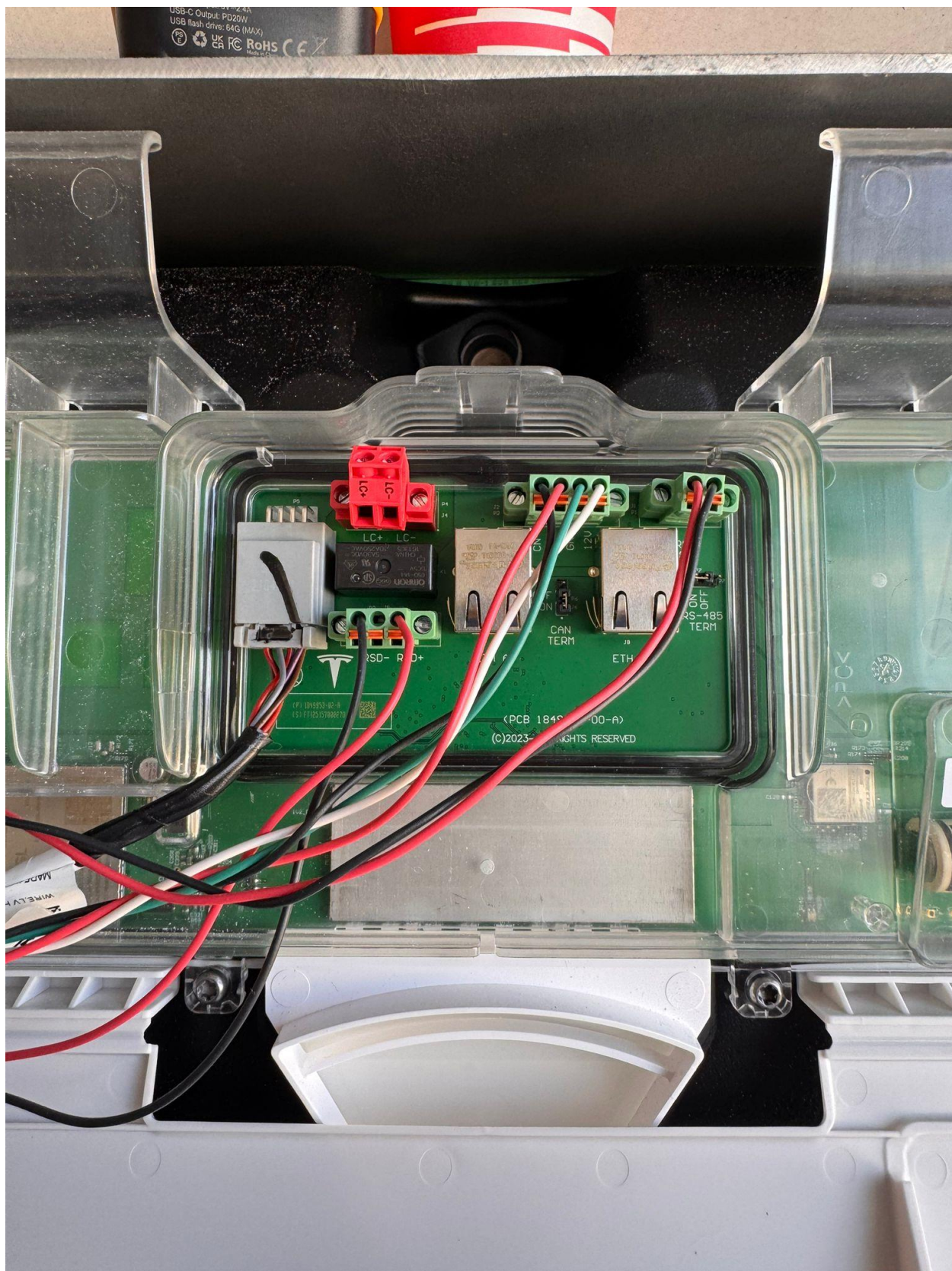










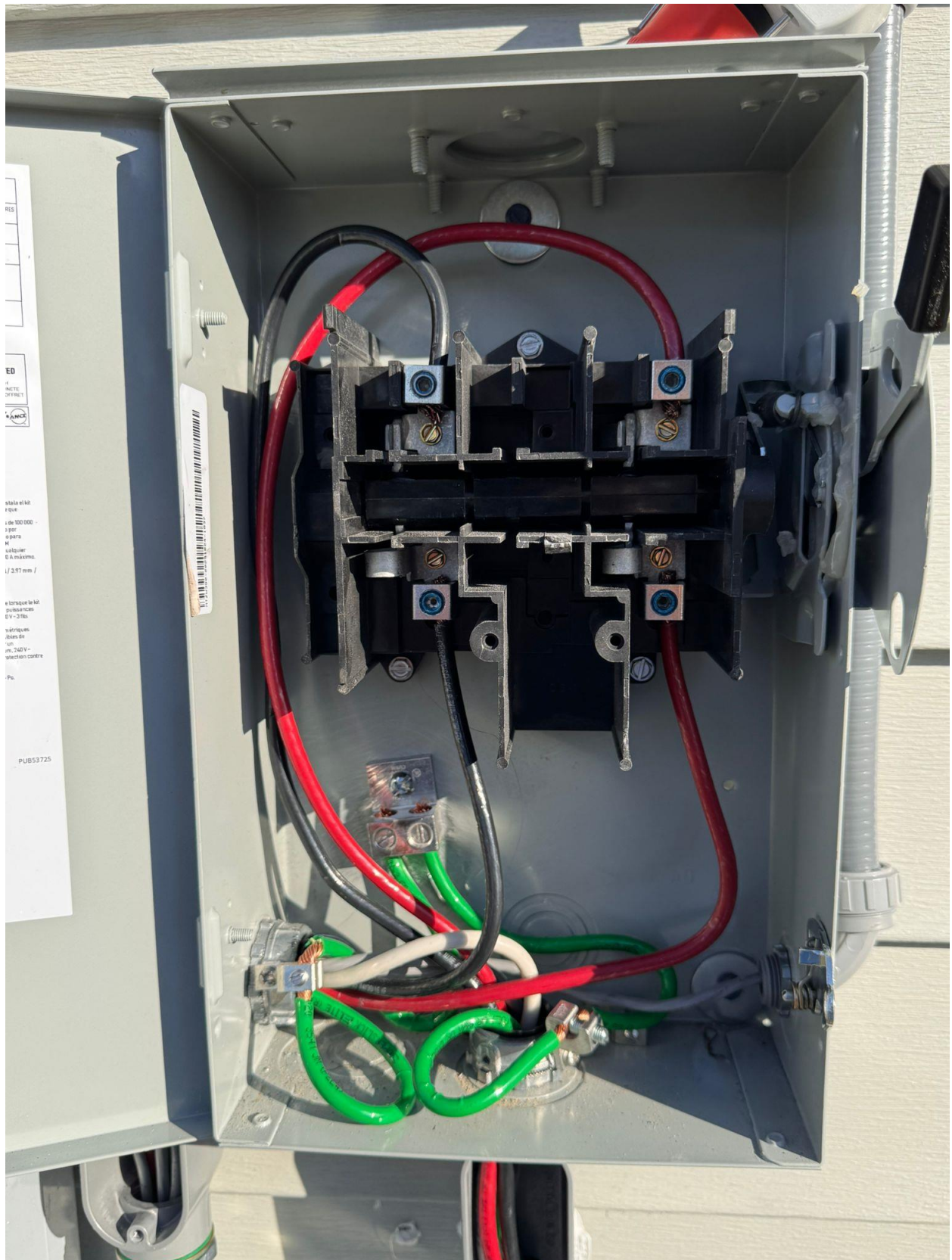




BATTERY
ENERGY STORAGE
SYSTEM DISCONNECT
NOMINAL ESS AC VOLTAGE 240V
MAXIMUM ESS DC VOLTAGE 550V
AVAILABLE FAULT CURRENT
DERIVED FROM THE ESS 160A
DATE CALCULATION PERFORMED 09/11/20

SOLAR AC DISCONNECT LOCATED AT
NORTH-WEST SIDE WALL OF THE HOUSE
BEHIND THE UTILITY METER
SERVICE DISCONNECT LOCATED IN THE
BACKUP GATEWAY 3 PANEL
BATTERY DISCONNECT LOCATED IN THE
BACKUP GATEWAY 3 PANEL

PHOTOVOLTAIC
DC DISCONNECT
MAXIMUM VOLTAGE 550Vdc
MAXIMUM CIRCUIT CURRENT 13.78Adc
MAX. RATED OUTPUT CURRENT
OF THE CHARGE CONTROLLER OR
DC-TO-DC CONVERTER IF INSTALLED
WARNING
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY
AND PV SOLAR ELECTRIC SYSTEM



RES

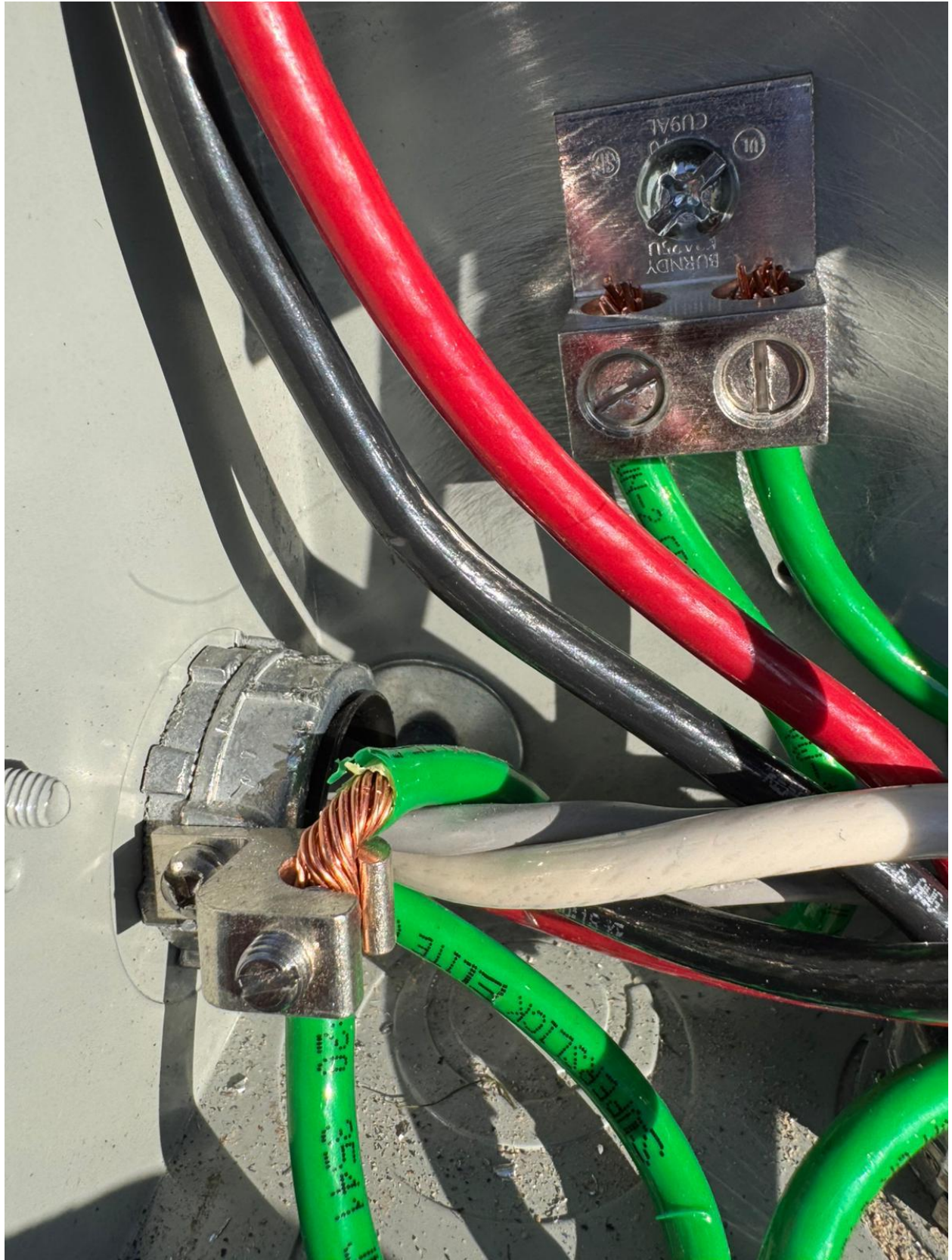
ED
NETE
DEFRET

statu el kit
a 400V
de 1000 1000 -
s por
apara
M
calcular
A 1000V
1/3,97 mm /

e lorsque le kit
pousser dans
0 V - 2 fils
vérifier
dans de
un 240 V -
attention contre

Po.

PUB53725





HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH.

- 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.

- 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.

- 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



SWITCH P

SOLAR PV SY



WARNING

ELECTRIC SHOCK HAZARD

TERMINALS ON THE LINE AND

LOAD SIDES MAY BE ENERGIZ

IN THE OPEN POSITION

pvlabs.com

SERVICE DISCONNECT LOCATED IN THE

BACKUP GATEWAY 3 PANEL

pvlabs.com 3-615

BATTERY DISCONNECT LOCATED IN THE

BACKUP GATEWAY 3 PANEL

pvlabs.com 3-615

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.
• 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.
• 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
VOLTAGE PELIGROSO. PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.
• Nunca opere el interruptor con la cubierta abierta.
• Desconecte la alimentación del interruptor antes de cualquier trabajo del mismo. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el interruptor.



PHOTOVOLTAIC

AC DISCONNECT

AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE

RATED AC
OUTPUT CURRENT **48** AMPS

NOMINAL OPERATING
AC VOLTAGE **240** VOLTS

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

⚠ WARNING

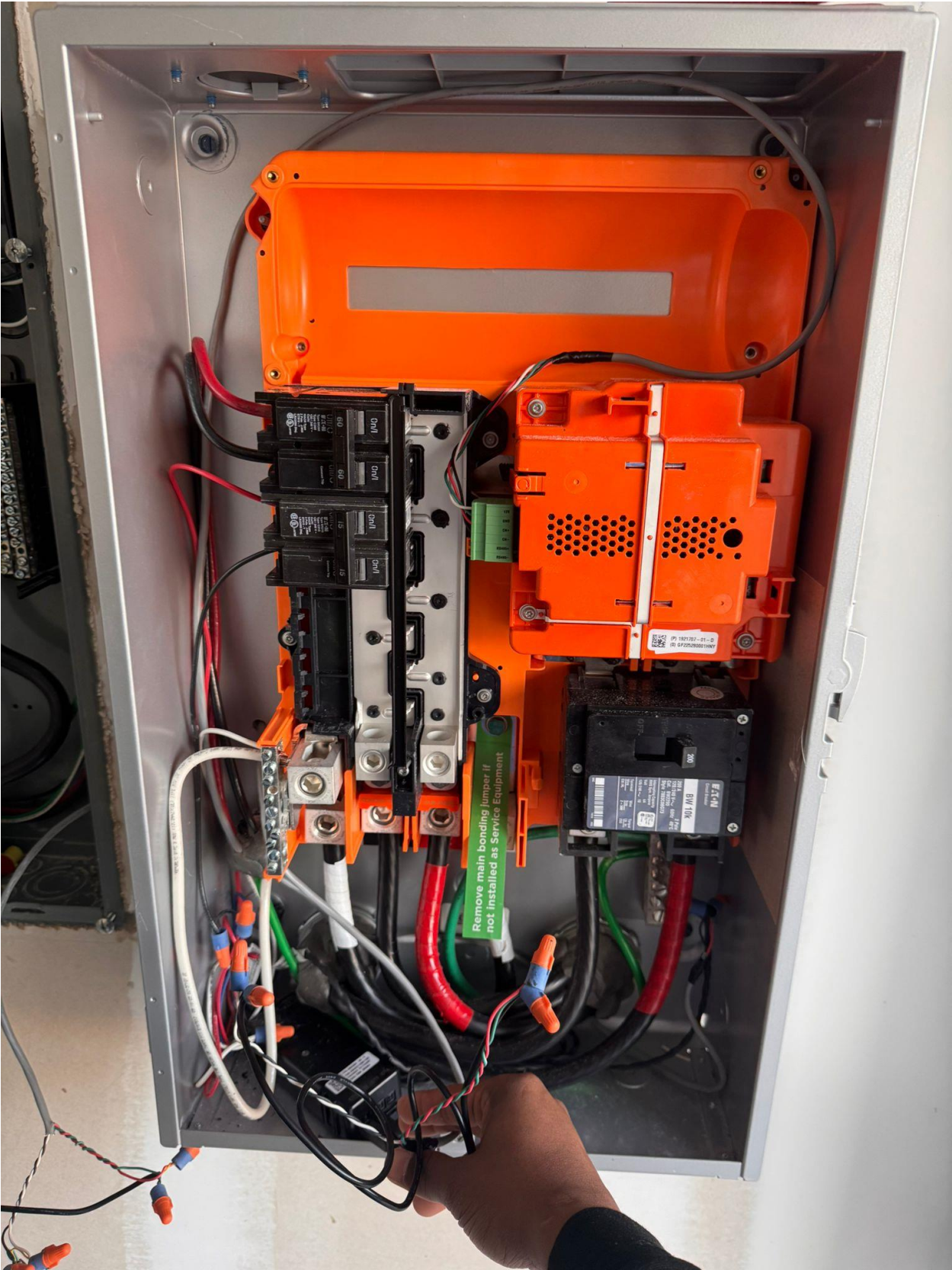
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

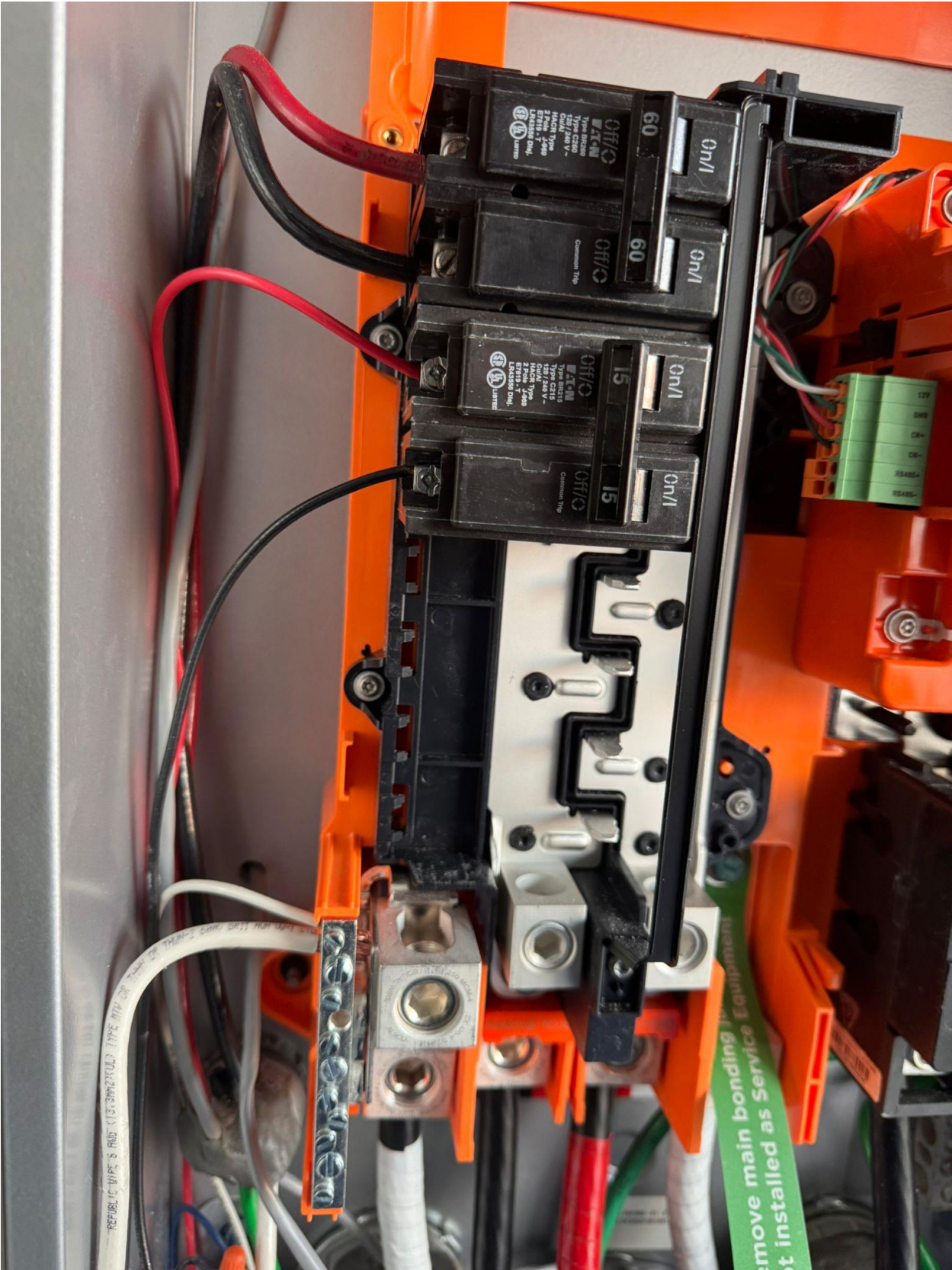
SERVICE DISCONNECT LOCATED IN THE

BACKUP GATEWAY 3 PANEL

BATTERY DISCONNECT LOCATED IN THE

BACKUP GATEWAY 3 PANEL





 **WARNING**
SOLAR ELECTRIC
CIRCUIT BREAKER
IS BACKFED
05-342
pvlabels.com

TESLA
REMOTE



MAIN BATTERY
SYSTEM DISCONNECT

DISCONNECT LOCATED AT
WEST SIDE WALL OF THE HOUSE
NEAR THE UTILITY METER

SERVICE DISCONNECT LOCATED IN THE
BACKUP GATEWAY 3 PANEL



Welcome
Scan to get started



T E S L A

GATEWAY



