




CanadianSolar
CS6.1-54TM-465H

 SN: 12501560045335
 Assembled in the USA. Cell origin: Thailand



INSTALLATION
MANUAL

Nominal Maximum Power	(Pmax)	455 W
Optimum Operating Voltage	(Vmp)	33.2 V
Optimum Operating Current	(Imp)	13.72 A
Open Circuit Voltage	(Voc)	39.1 V
Short Circuit Current	(Isc)	14.61 A
Maximum System Voltage		1000 V
Maximum Series Fuse Rating		25 A

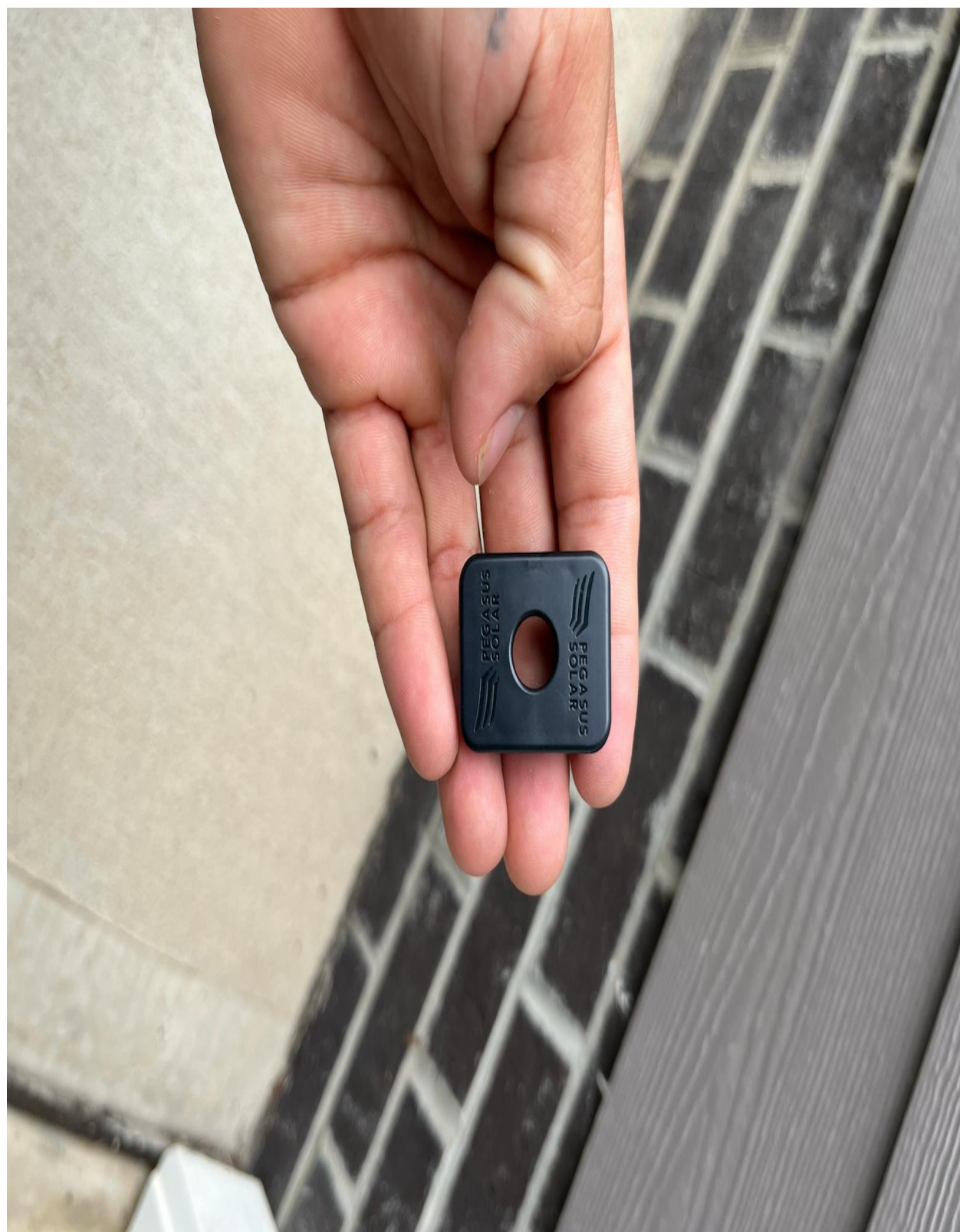
All electrical data is Standard Test Conditions (STC): irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C. Production tolerance: $\pm 5\%$ (Pmax), $\pm 0.5\%$ (Voc, Isc).
 For field connection, use minimum 12 AWG copper wire insulated for a minimum of 60V.
Maximum Temperature: 85 °C
Module Type Performance: TYPE 3 SOLARTRON
Protection Class: IP68 - CLASS B
 System Use Class Rating: See Installation Instructions for Installation Requirements to Achieve a Specified System Use Class Rating with this Product.
 Please read the installation manual for more information prior to installation. The installation manual can be downloaded at Canadian Solar website: www.canadiansolar.com
support@canadiansolar.com CS 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 must be taken when handling the product.
 Ce module photovoltaïque génère une tension électrique lorsqu'il est exposé à la lumière naturelle ou artificielle. Les précautions appropriées doivent être prises lors de la manipulation du module.
 Caution: 60V/1700-2017


806 SERENITY WALK PKWY FUQUAY-VARINA, NC27526









Geocel
2300 CONSTRUCTION
TRIPOLYMER SEALANT

SELLADOR TRIPOLIMERO 2300®

- Excellent solar installation sealant
- Applies in damp, dirty or oily conditions
- Remains flexible
- Adheres to asphalt shingles, steel, aluminum, Kynar®, tile, concrete and other roofing substrates

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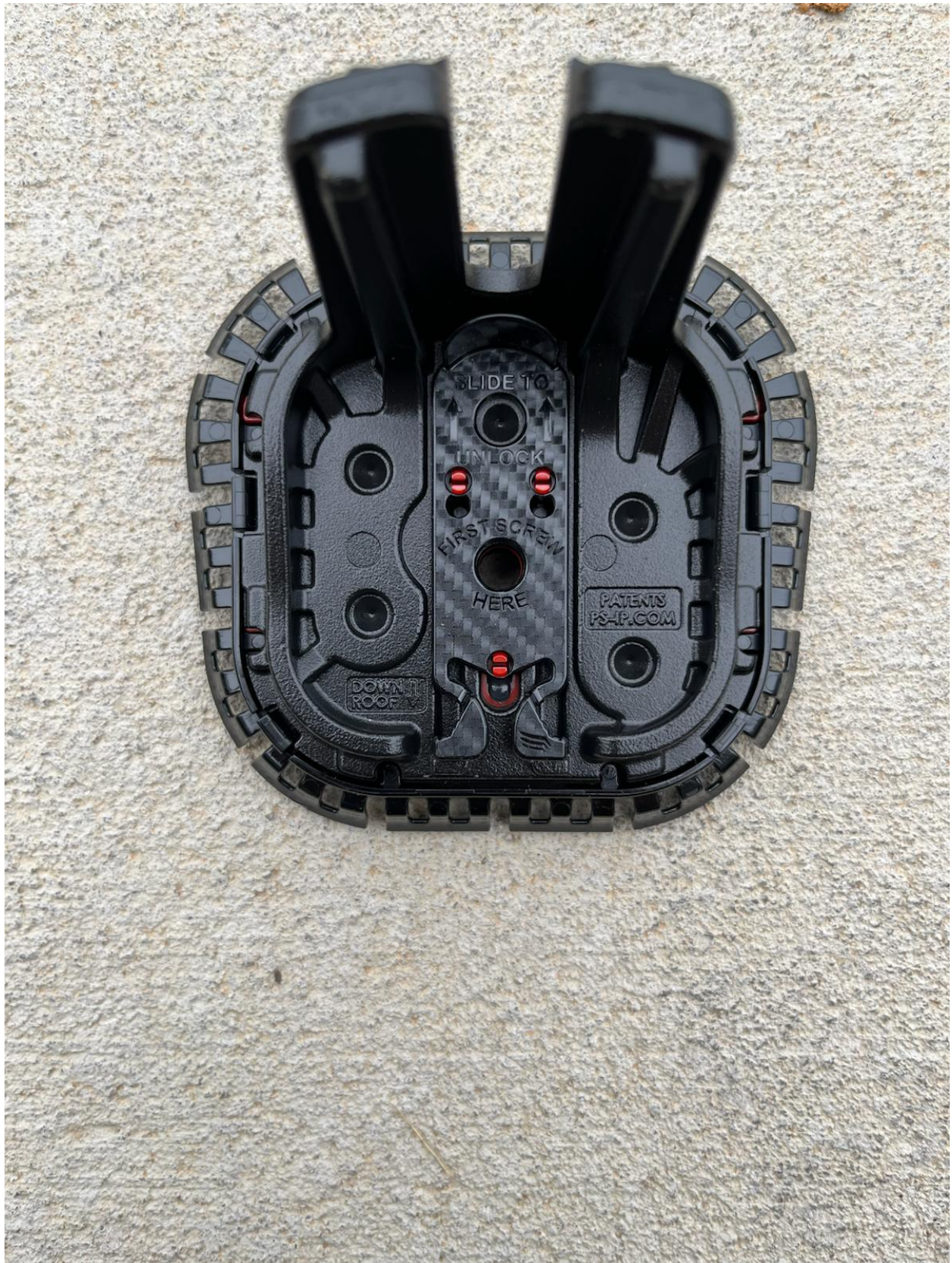
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10.3 FL. OZ. (304 mL)

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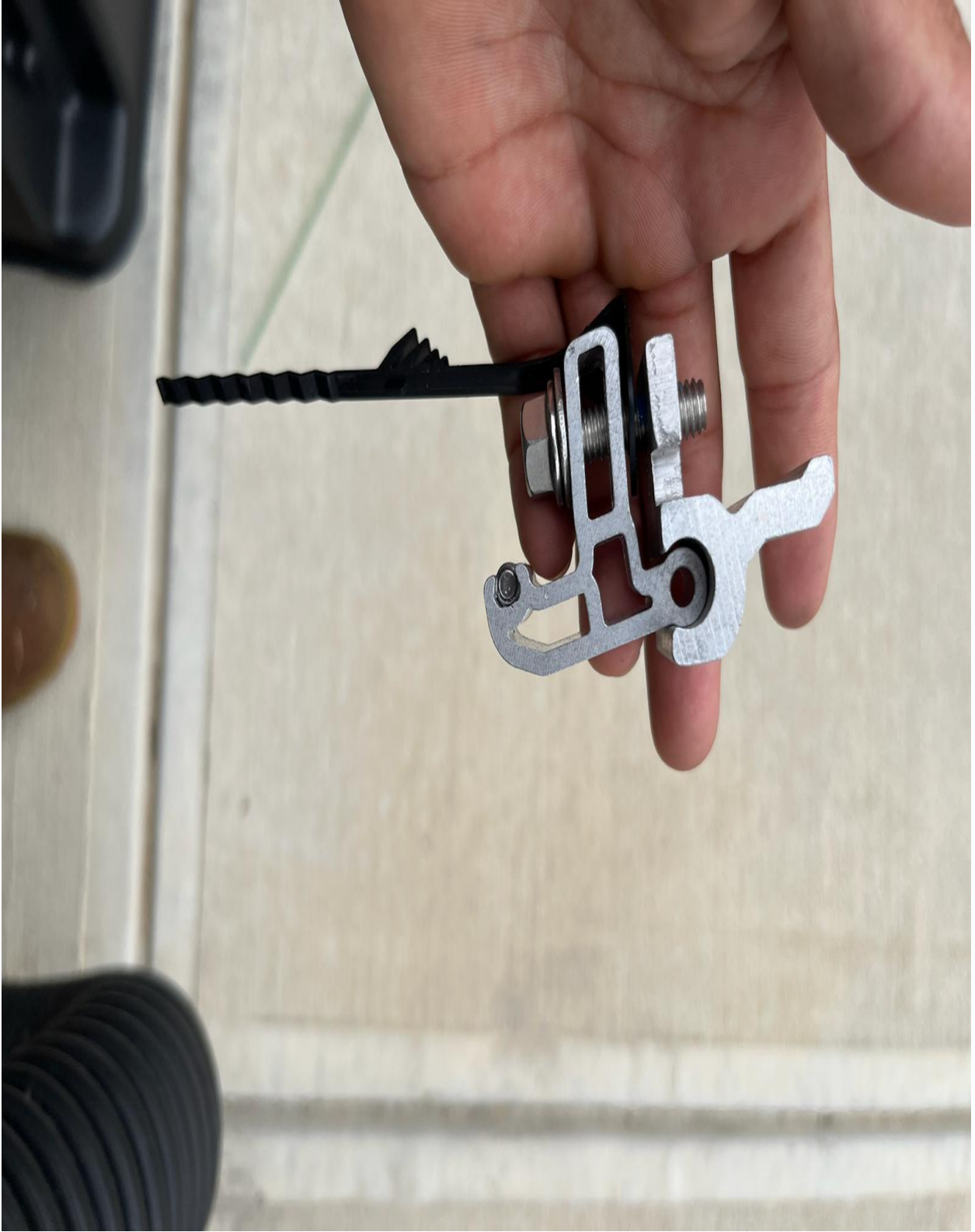




























NCI-2 | PV RAPID
SHUTDOWN EQUIP
(P) 1879359-15-B
(S) GF22512500017A

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
60153603
CONFORMS TO UL STD 1741

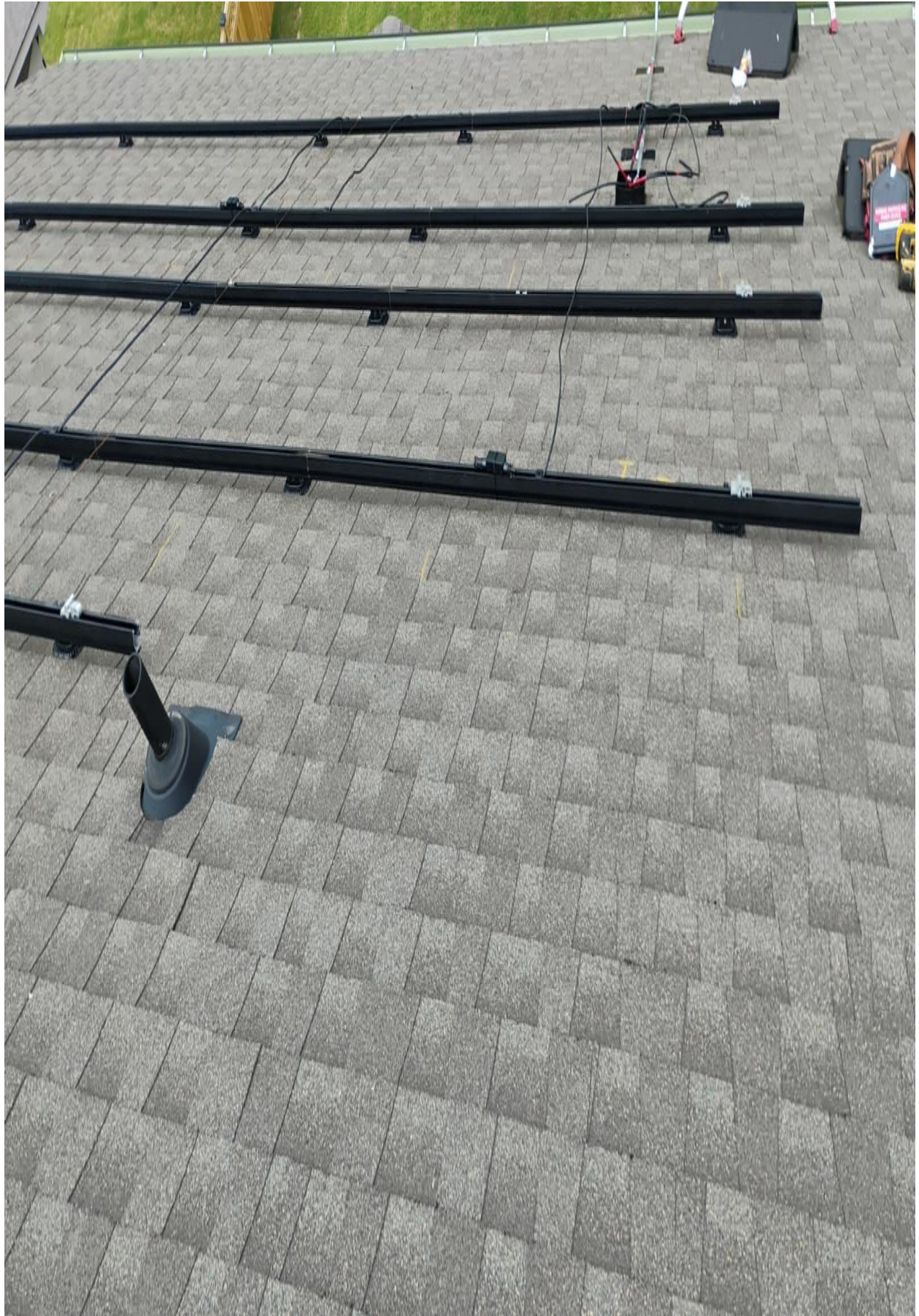


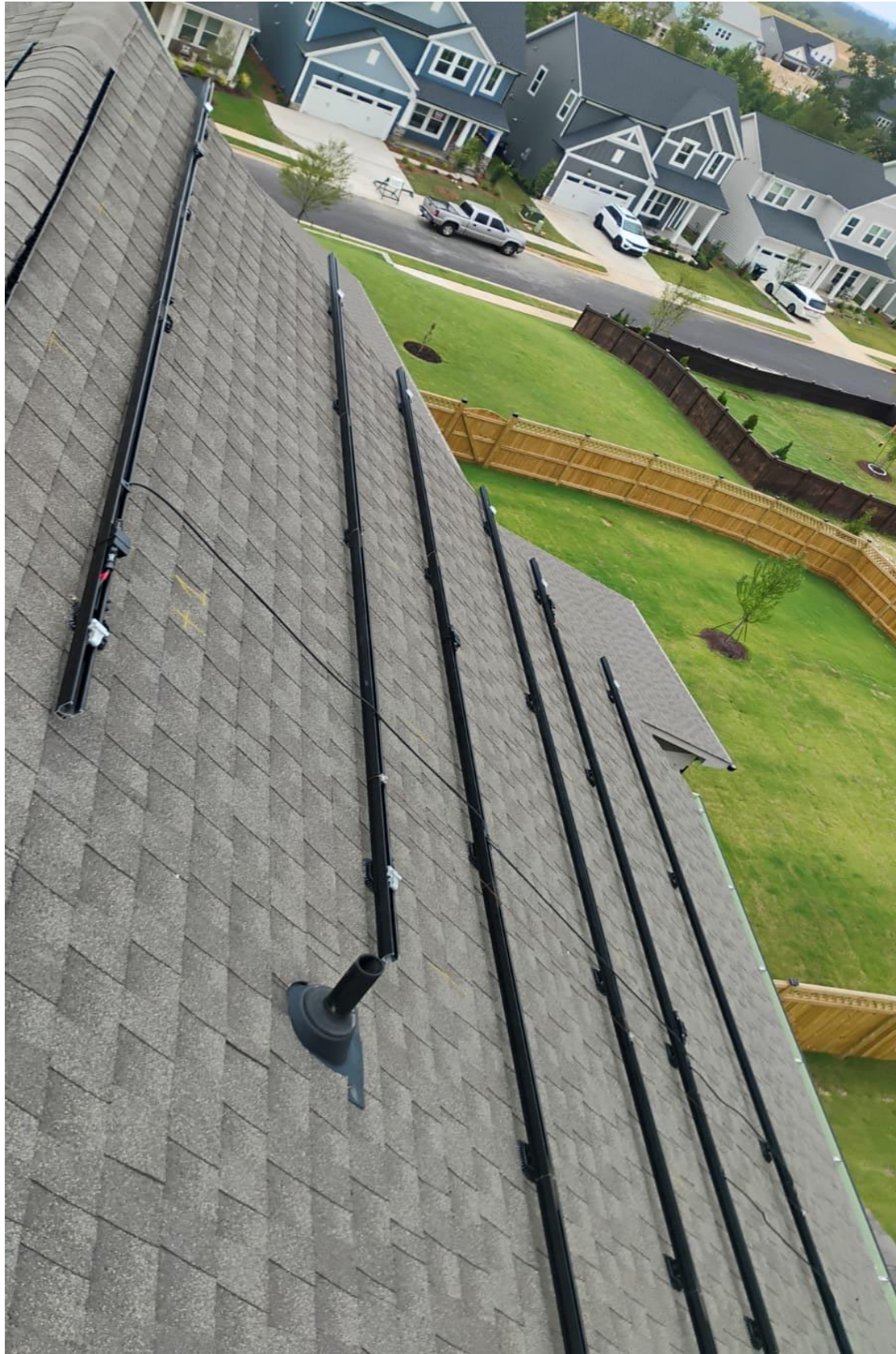






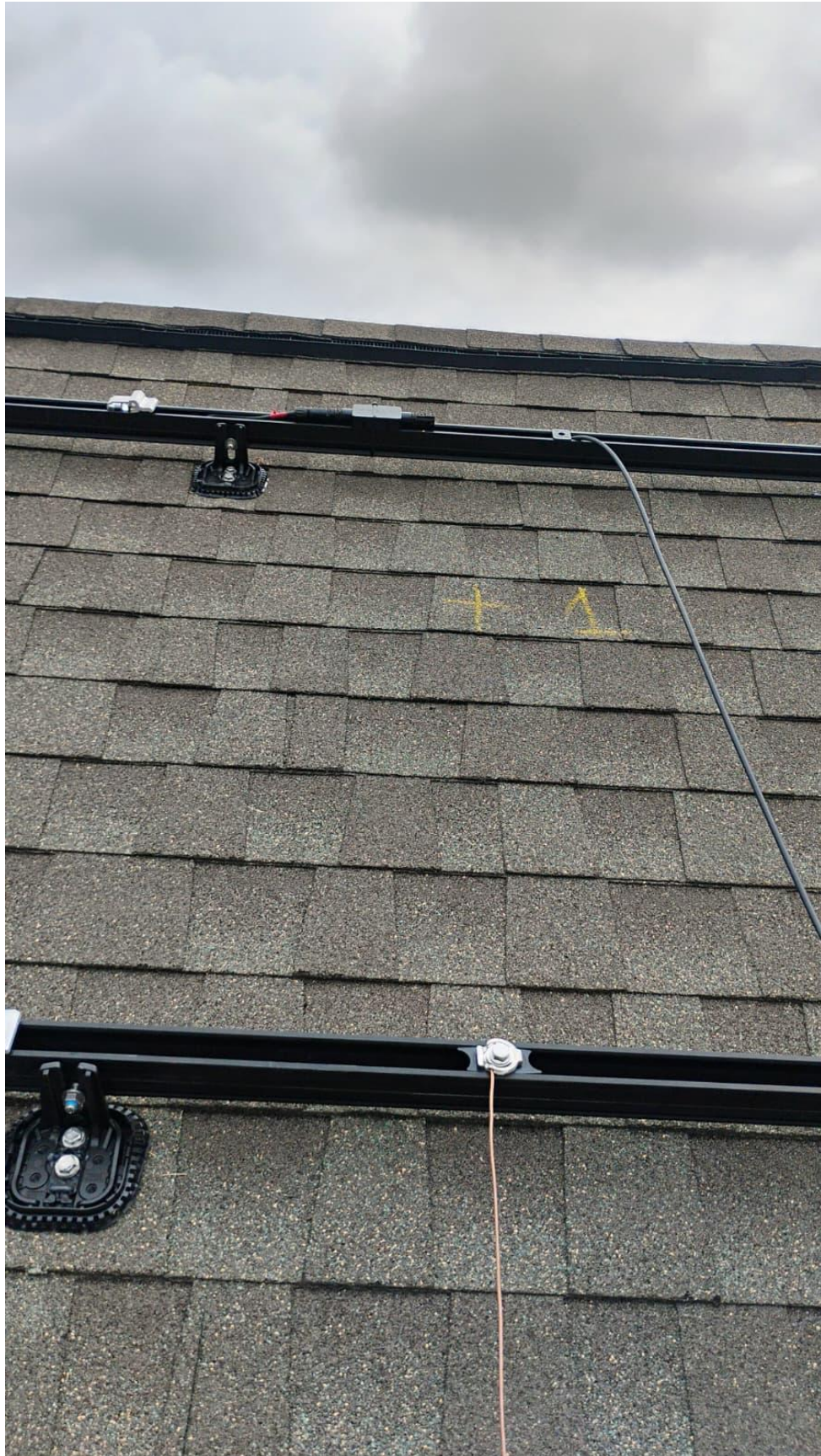






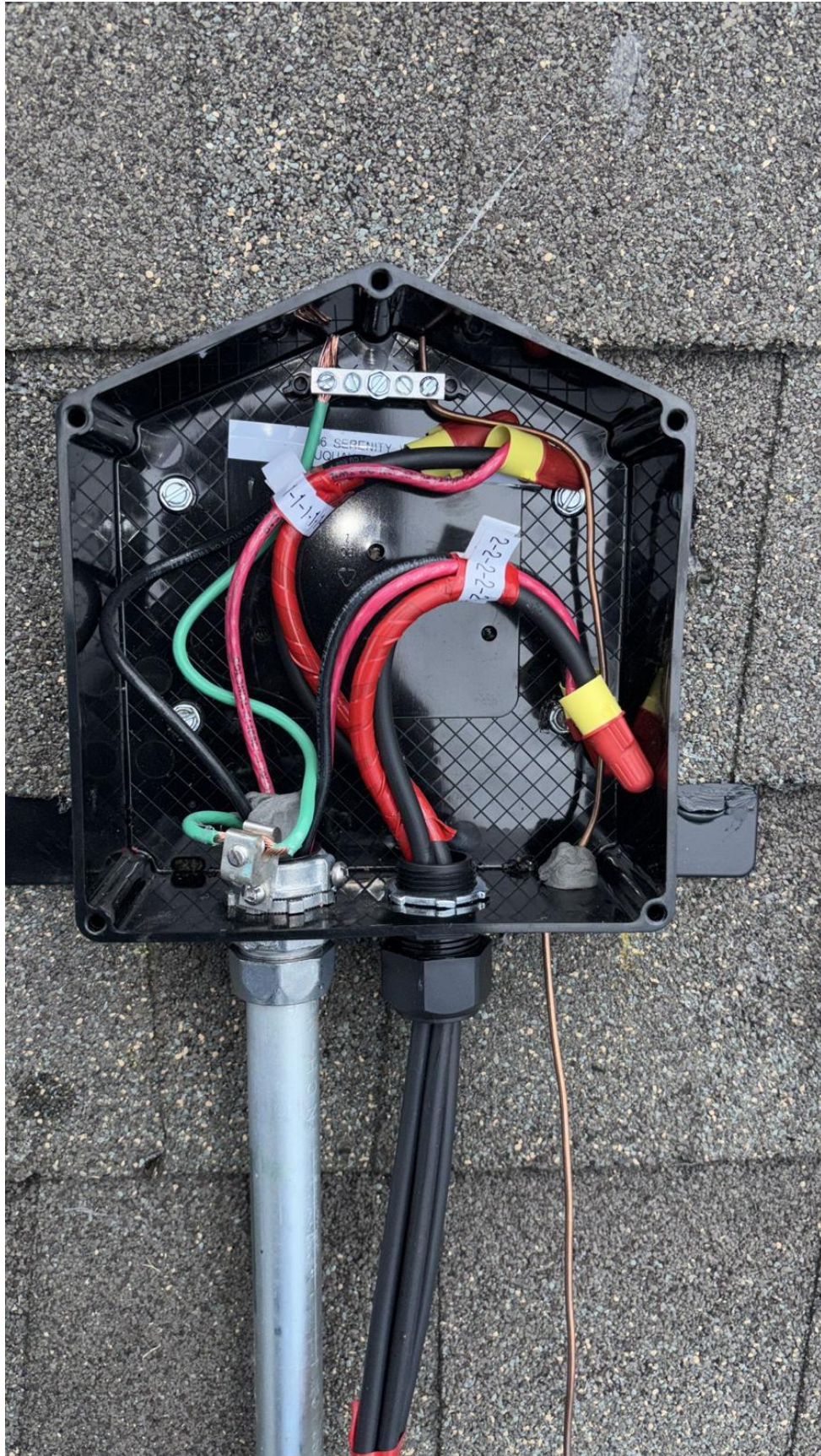
















EZ4
SOLAR

**WARNING: PHOTOVOLTAIC
POWER SOURCE**

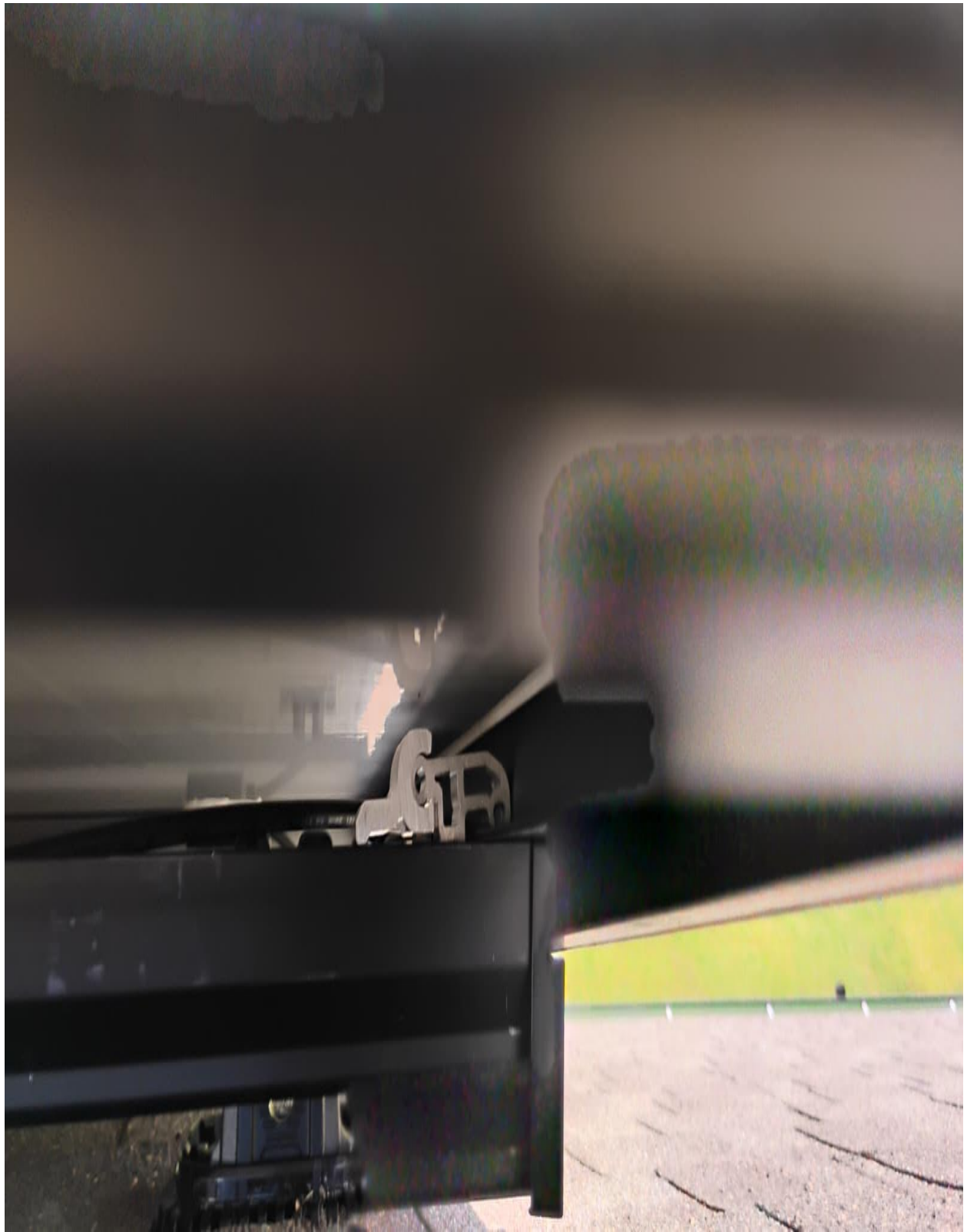
806 SERENITY WALK PKWY
FUQUAY-VARINA, NC 27526

Patents: ezsolarproducts.com/patents

MADE IN
USA







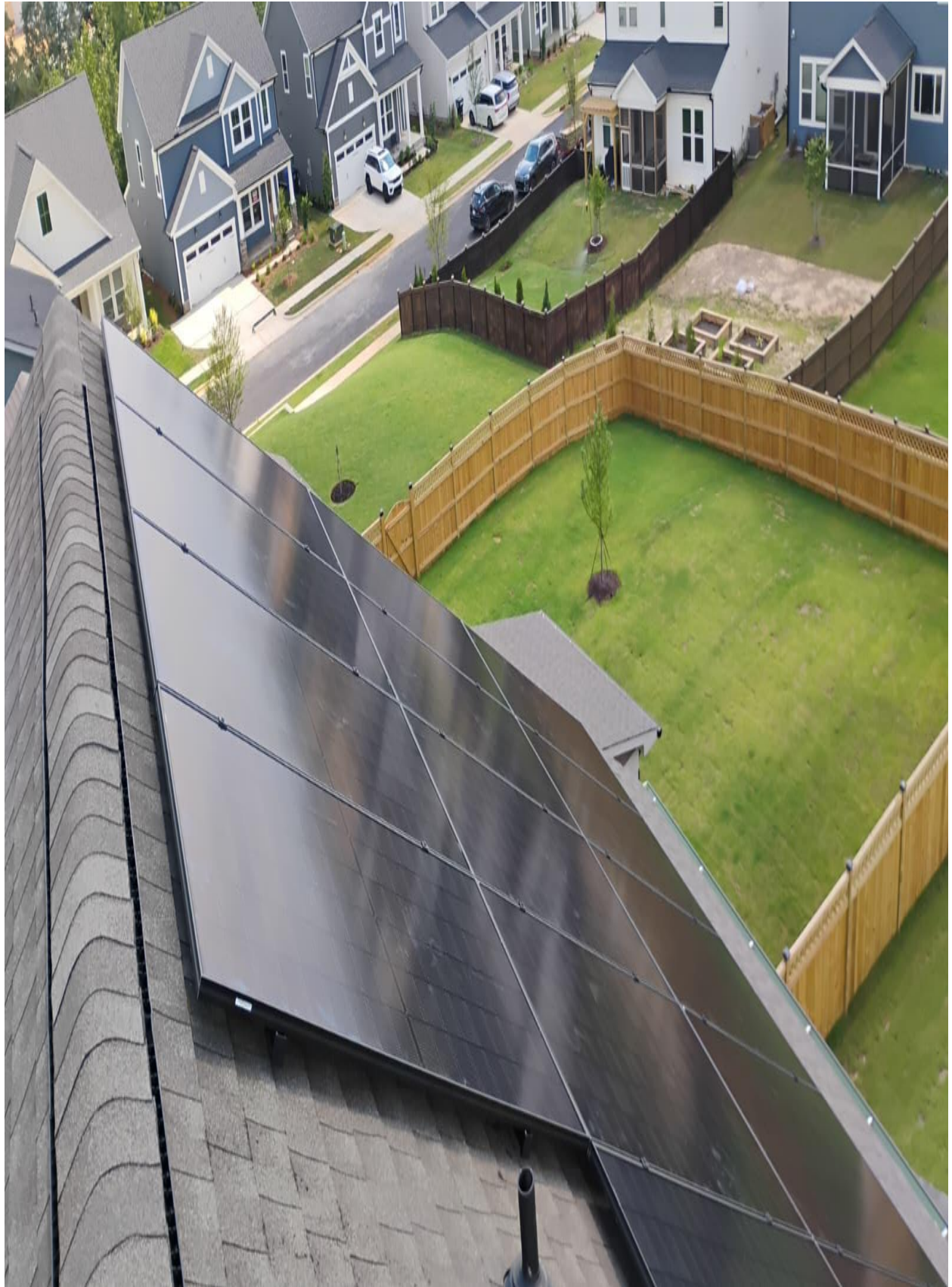


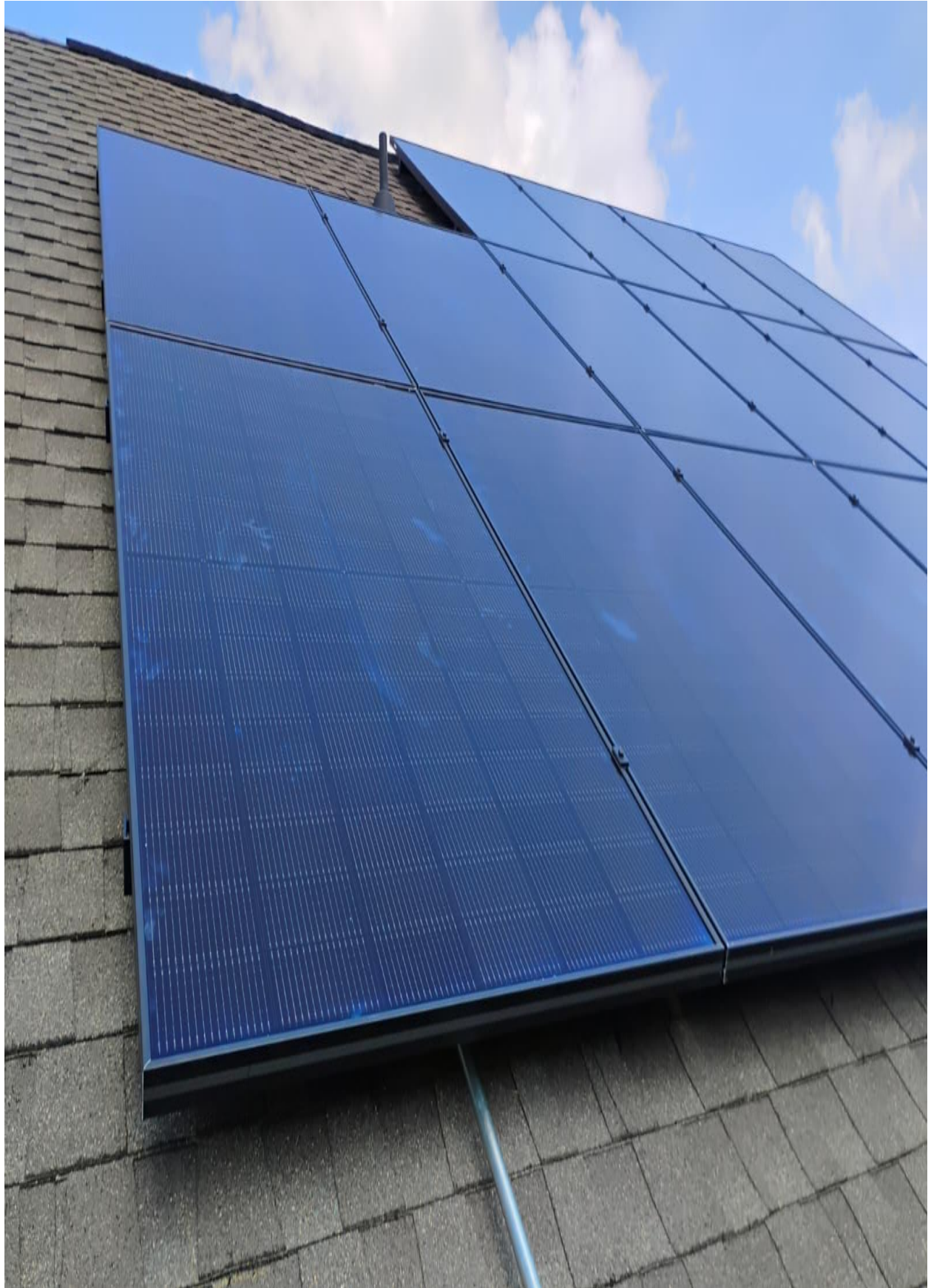






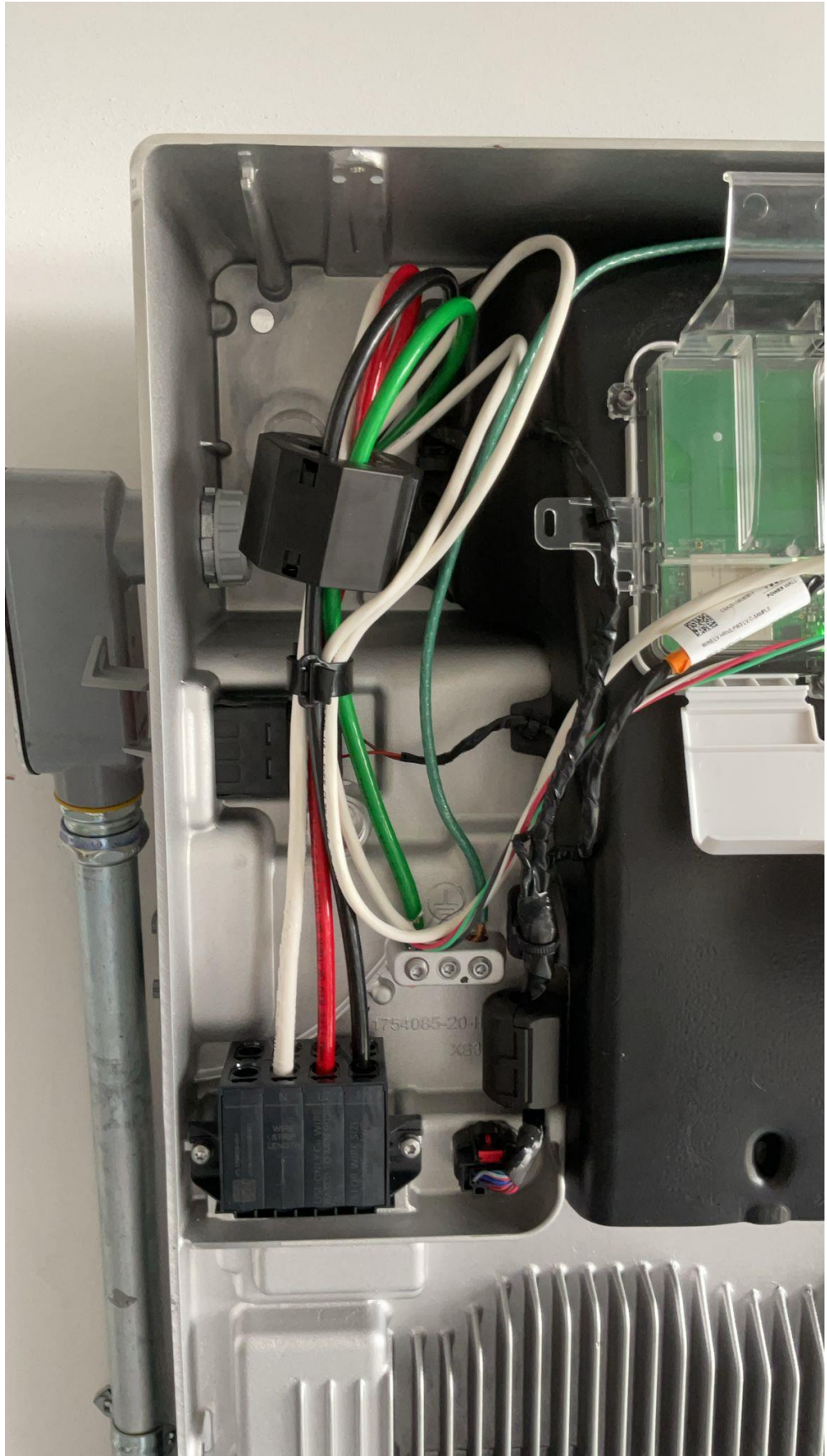


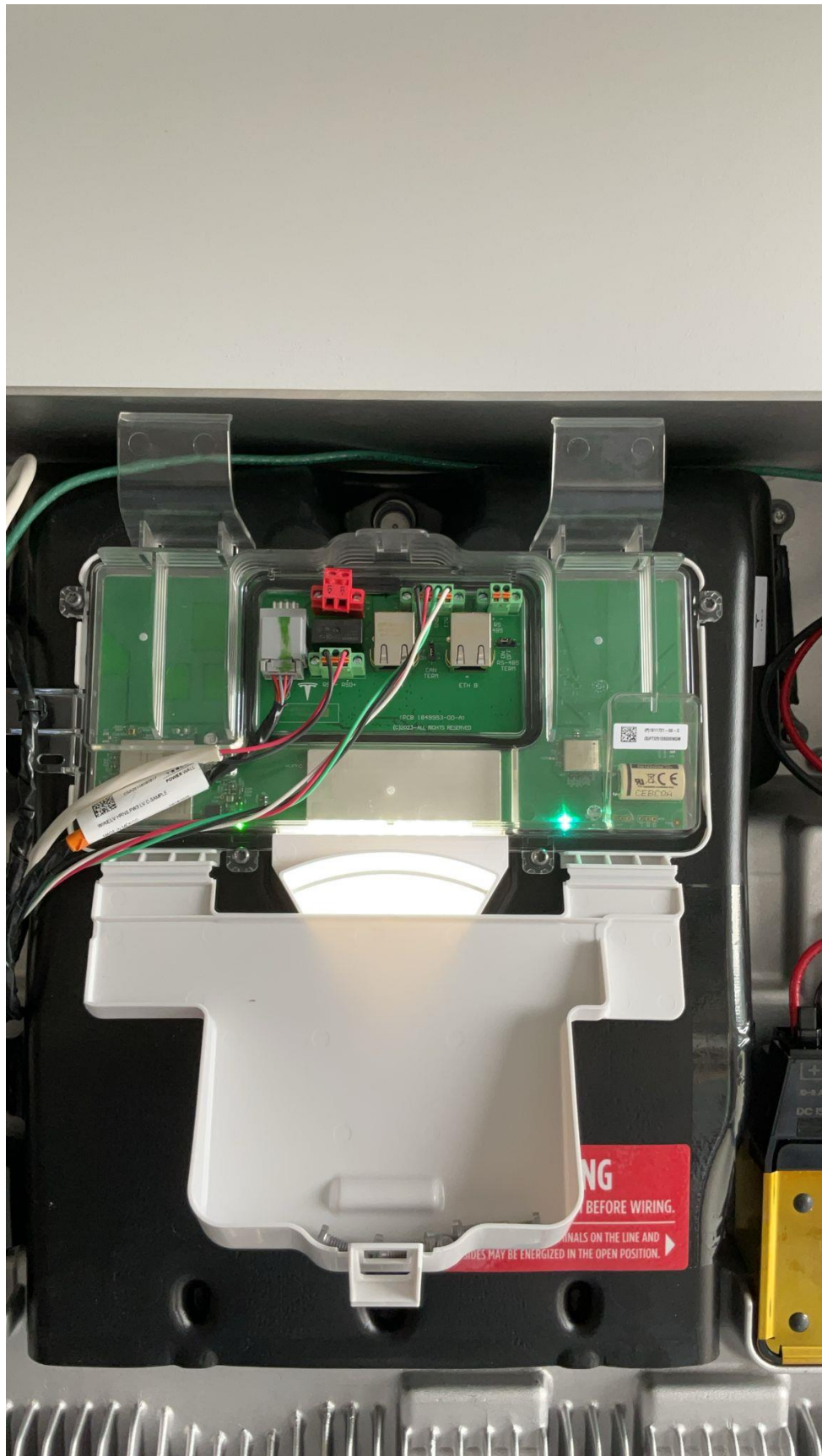




















BATTERY

SOLAR AC DISCONNECT LOCATED AT

NORTH-WEST SIDE WALL OF THE
HOUSE BESIDE THE UTILITY METER

SERVICE DISCONNECT LOCATED IN THE BACKUP GATEWAY3 PANEL

BATTERY DISCONNECT LOCATED IN THE BACKUP GATEWAY3 PANEL

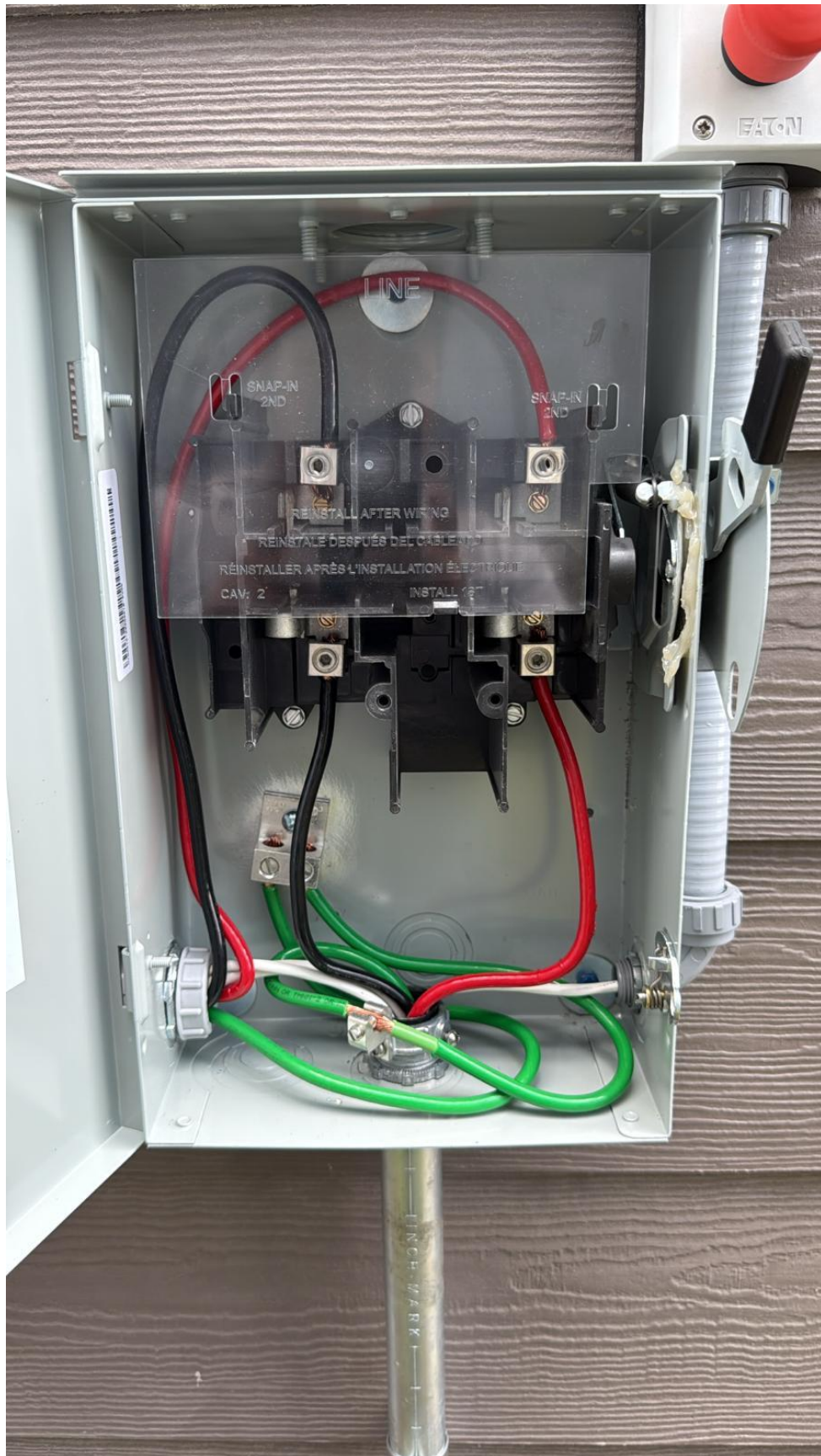
ENERGY STORAGE SYSTEM DISCONNECT

NOMINAL ESS AC VOLTAGE: 240V

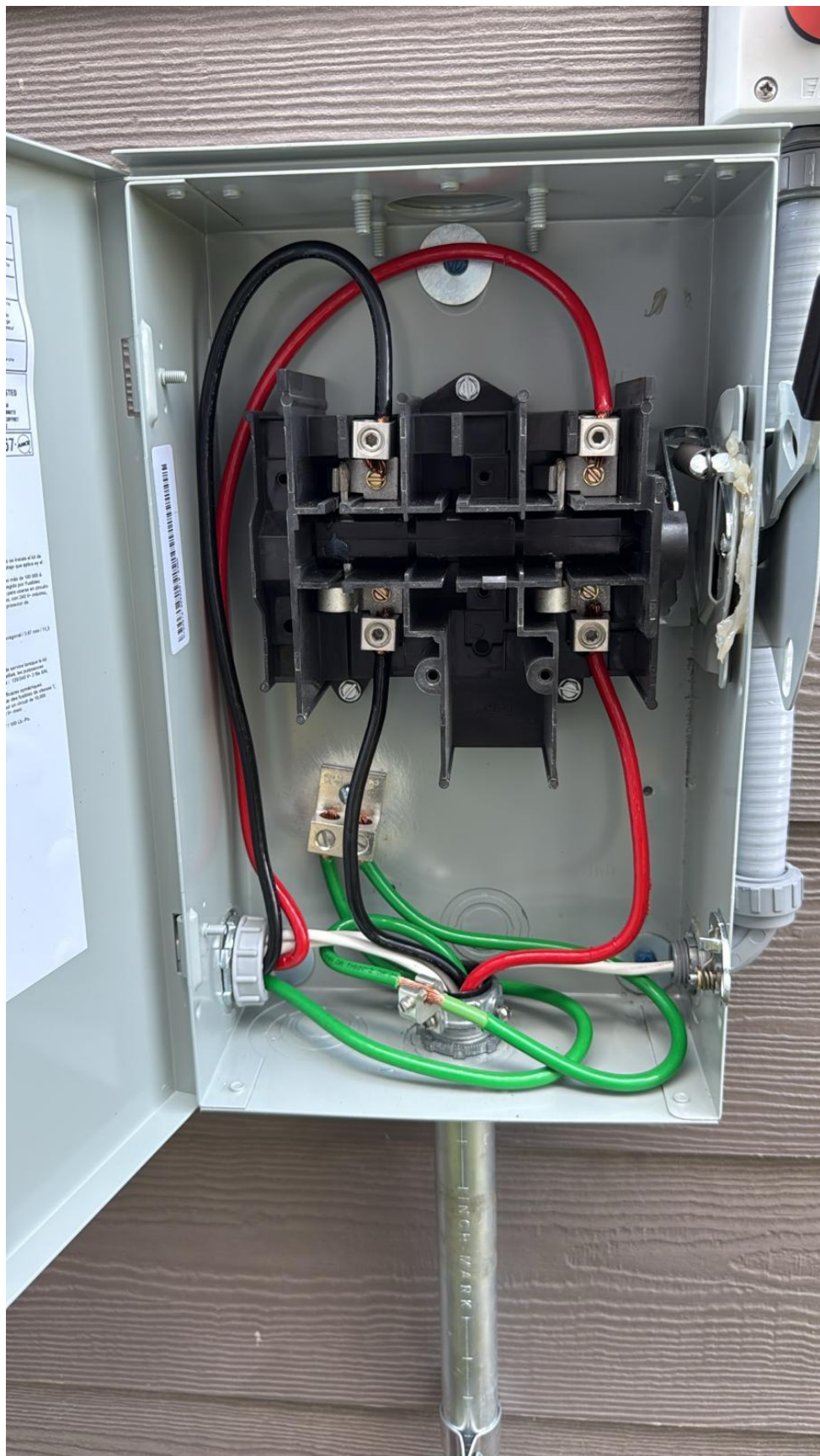
MAXIMUM ESS DC VOLTAGE: 550V

AVAILABLE FAULT CURRENT
DERIVED FROM THE ESS: 160A

DATE CALCULATION PERFORMED: 6/27/2025







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 removed. Doing so may work
loose, produce arcing, cause cover failure, burning, or fire.

**TENSION DANGEREUSE, PEUT CAUSER
DES BLESSURES GRAVES OU LA MORT.**

• Ne jamais réajuster l'interrupteur lorsque le couvercle
est ouvert.

• Ne jamais l'ajuster sans avoir enlevé le couvercle avant.
Toute réajustation, sans le couvercle, peut provoquer
une décharge électrique, des étincelles, une surchauffe ou un incendie.

⚠ 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
hacer ajustes. Operar sin la cubierta puede causar
descargas eléctricas, sobrecalentamiento o incendio.

30-43882



PHOTOVOLTAIC

AC DISCONNECT

⚠ WARNING

ELECTRIC SHOCK HAZARD

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

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

AC DISCONNECT

PHOTOVOLTAIC SYSTEM
POWER SOURCE

RATED AC
OUTPUT CURRENT **48** AMPS

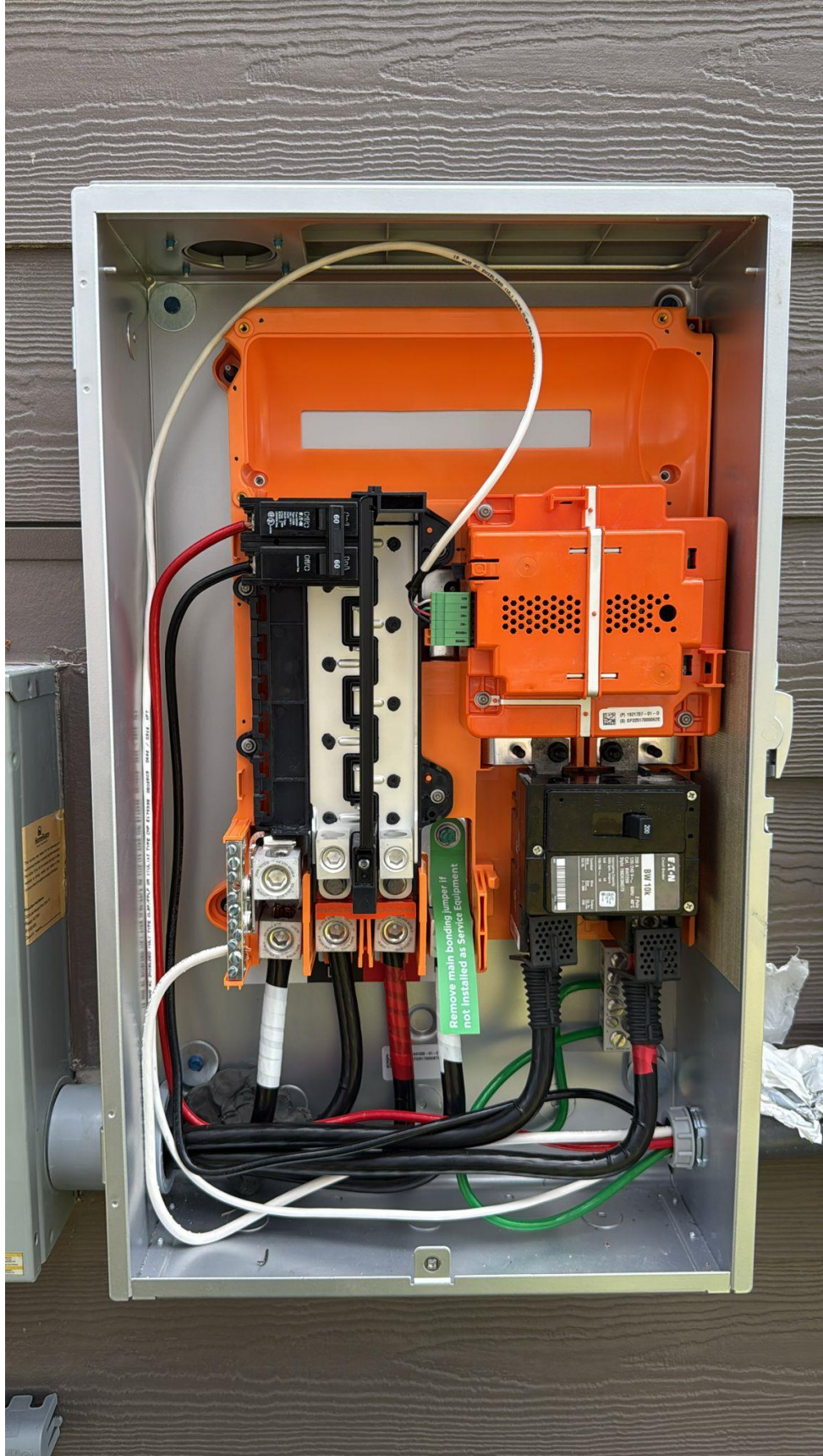
NOMINAL OPERATING
AC VOLTAGE **240** VOLTS

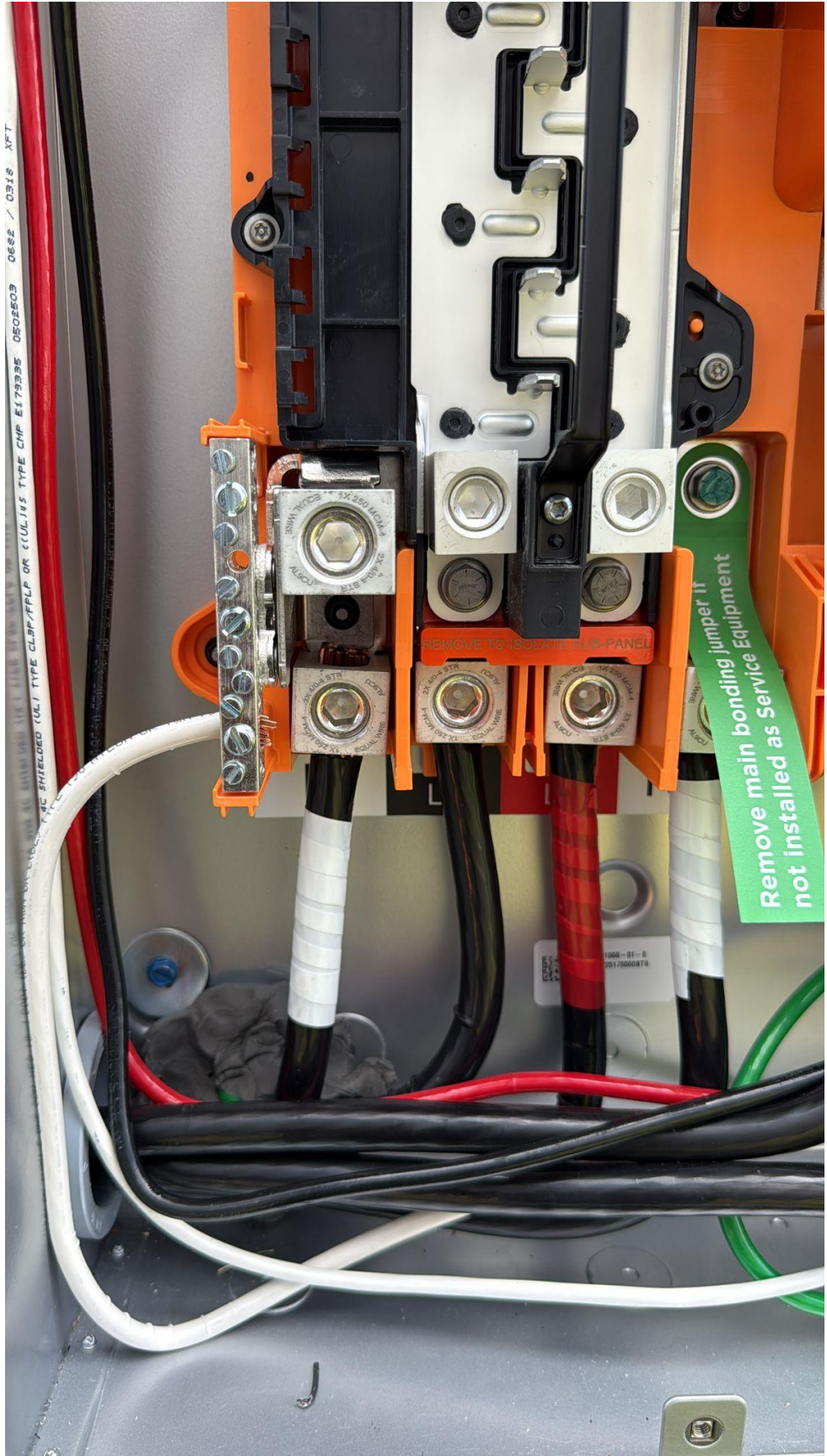
SERVICE DISCONNECT LOCATED IN THE

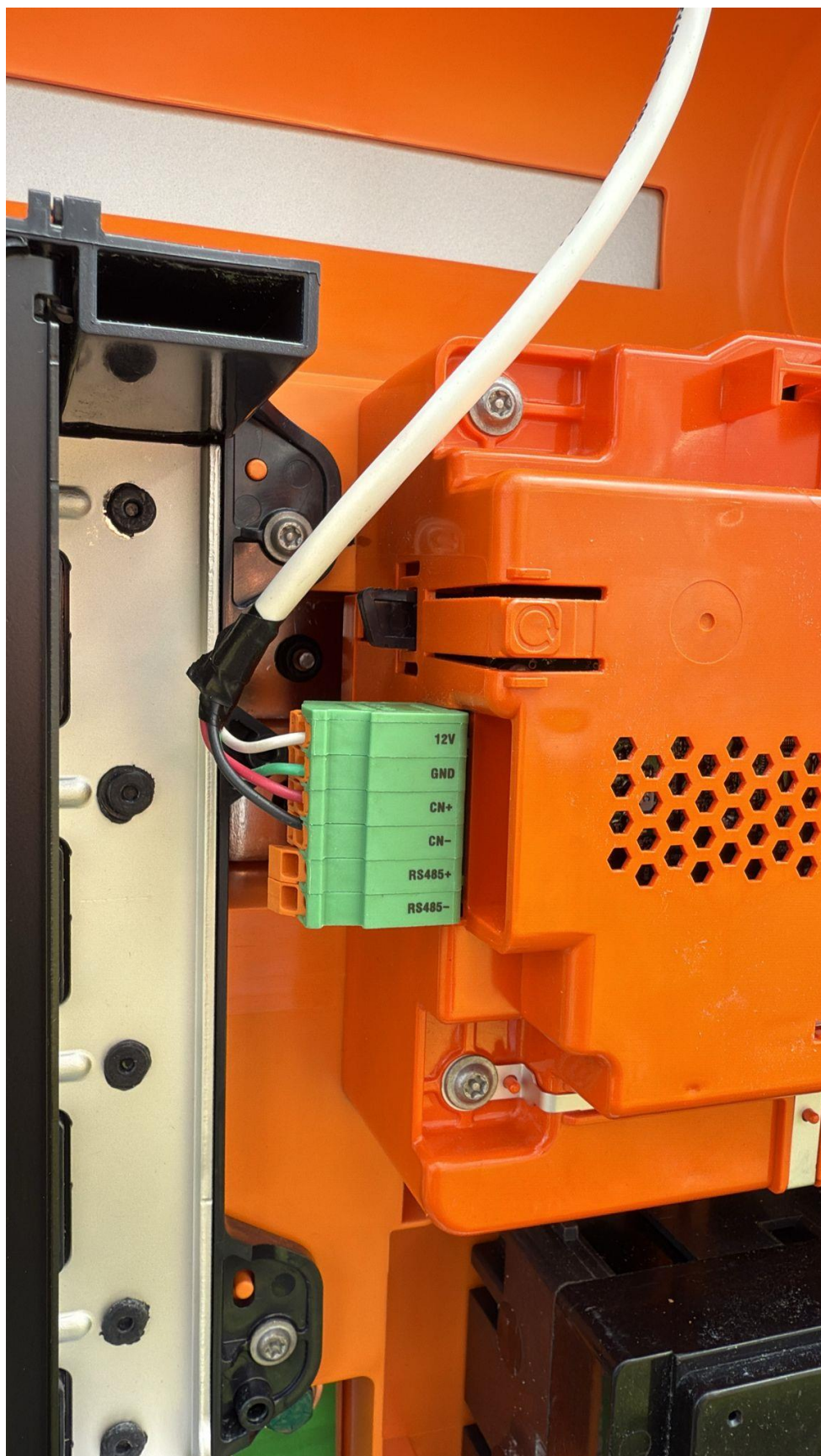
BACKUP GATEWAY3 PANEL

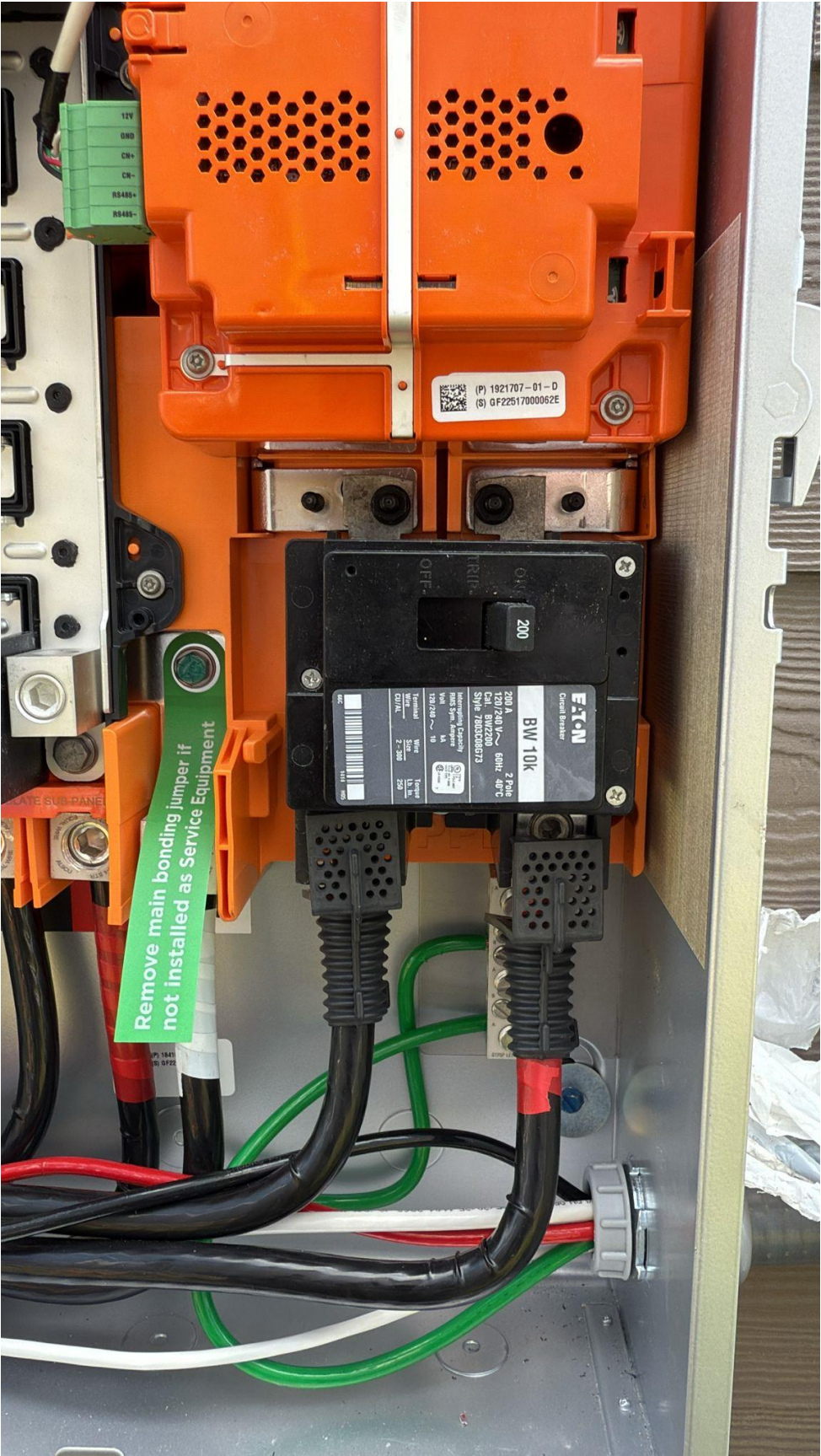
BATTERY DISCONNECT LOCATED IN THE

BACKUP GATEWAY3 PANEL









(P) 1921707-01-D
(S) GF22517000062E

EATON
Circuit Breaker
BW 10k
200 A
120/208V 1-60Hz 2 Pole
120/208V
S/N 280C08673
Manufacturing Capacity
Watt Spec. Adapter
120/208V ~ 1N
Terminal Size
2-300
CU/AL
200

Remove main bonding jumper if
not installed as Service Equipment

