









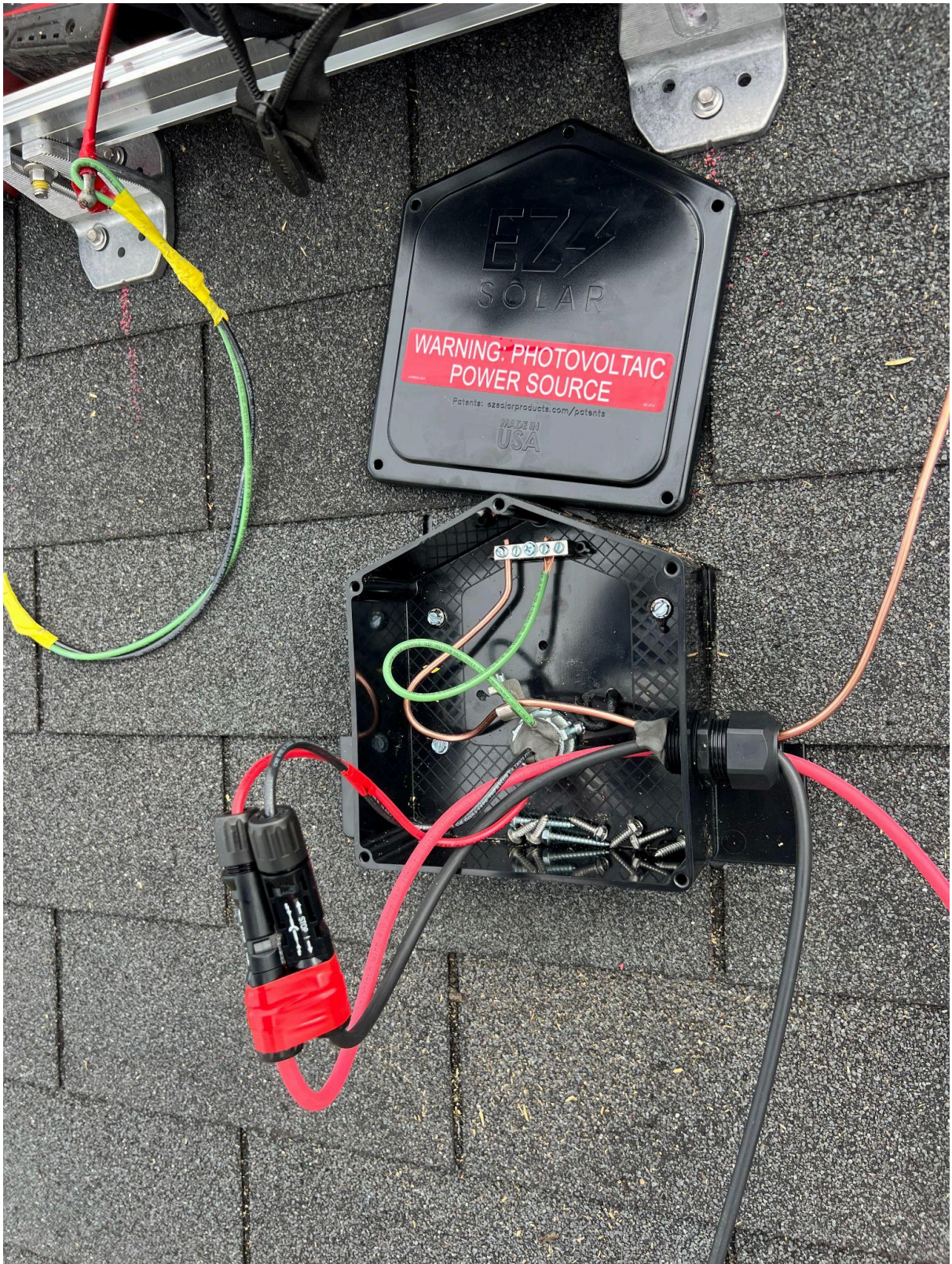








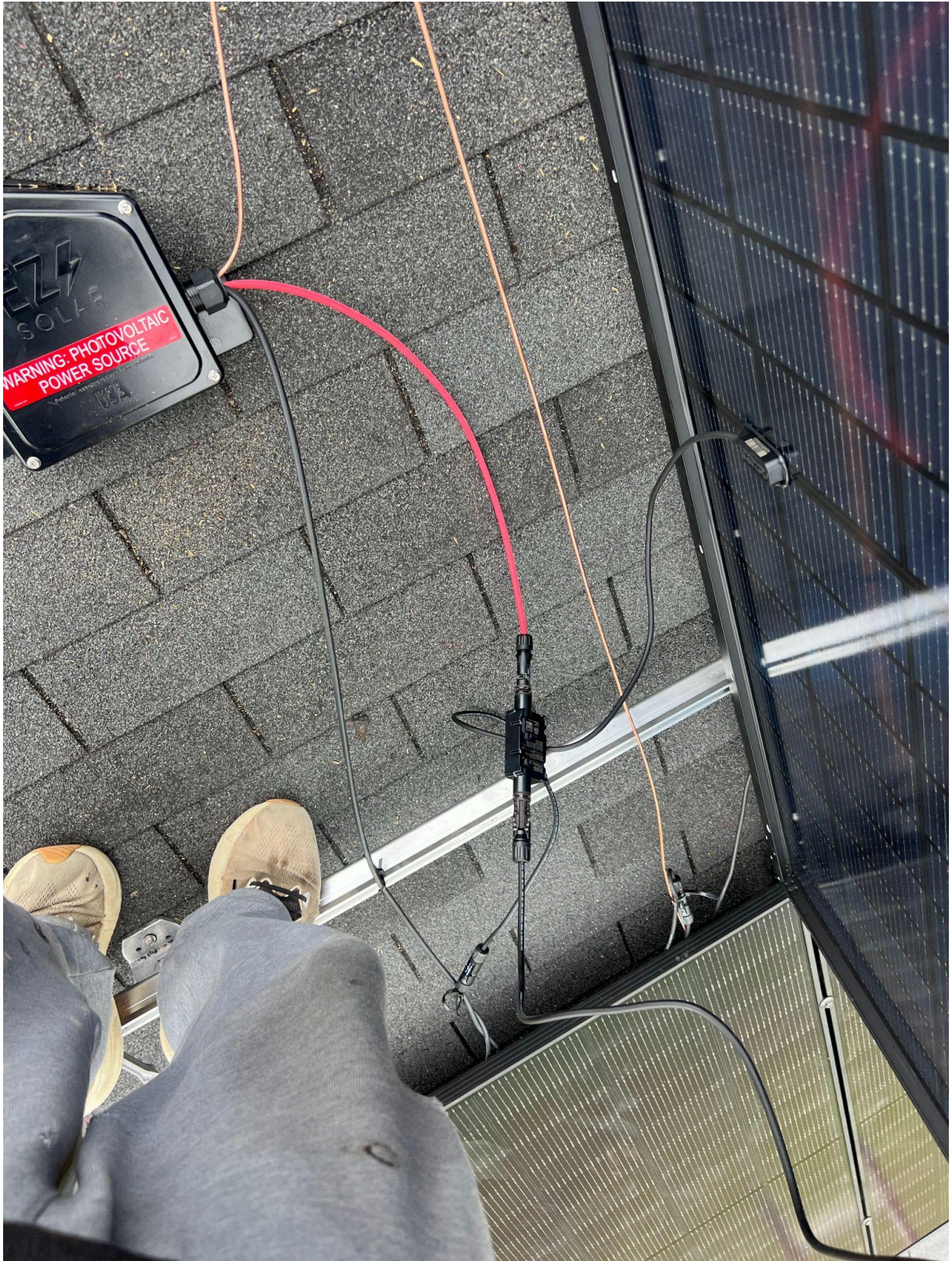




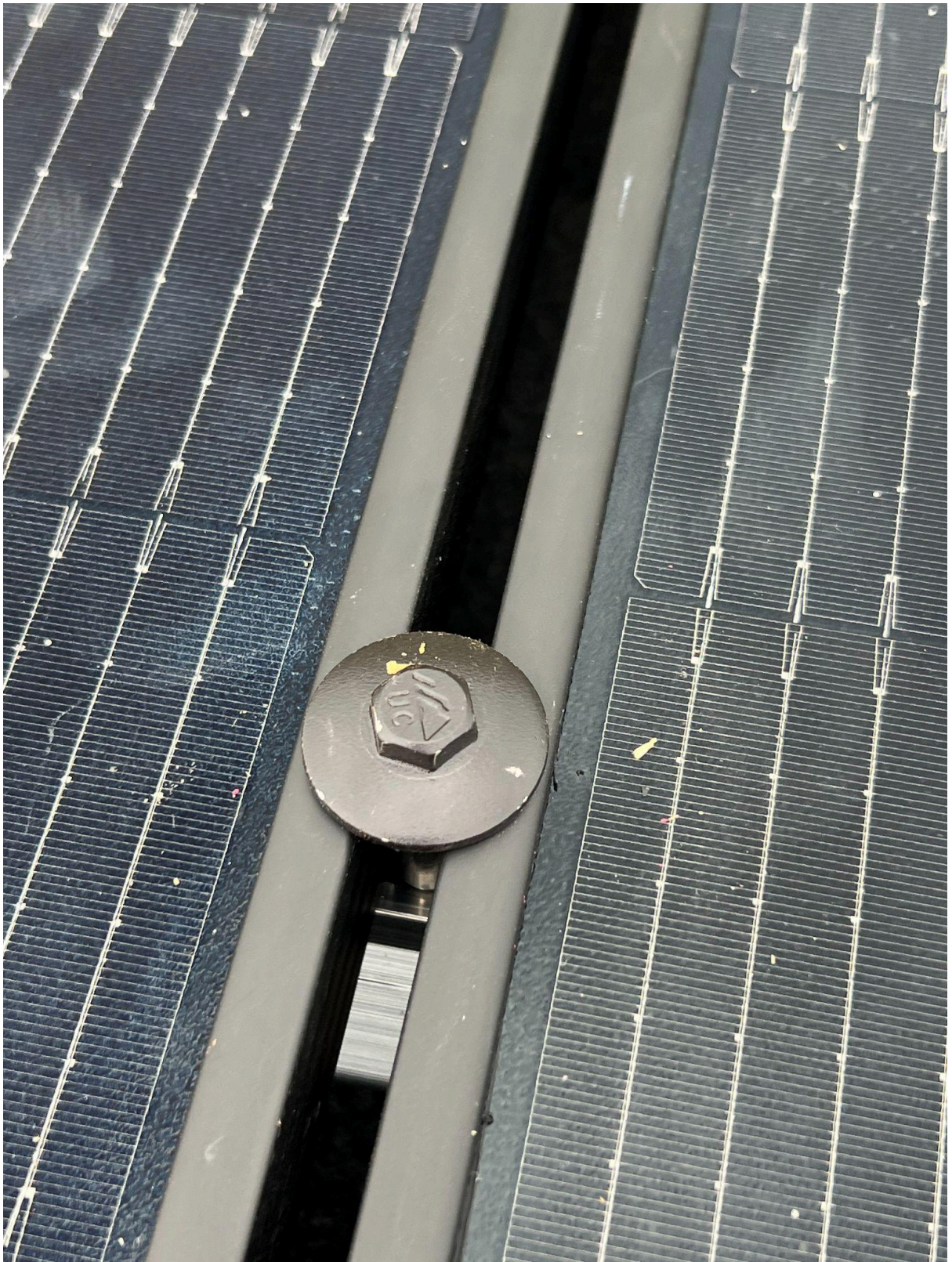






























3:20



< Wi-Fi

BarefootWifi

Forget This Network

Auto-Join

Copy



Password

barefoot003

Low Data Mode



Low Data Mode helps you conserve cellular data usage over your cellular connection. When Low Data Mode is on, automatic updates and background app refresh are paused.



Private Wi-Fi

Face ID

Fixed >

Wi-Fi Address

6A:AC:A8:94:38:B2

Wi-Fi networks and devices can track other nearby Wi-Fi devices by their Wi-Fi address, even on secure networks. A fixed private address reduces cross-network tracking by using a unique Wi-Fi address on this network.

Limit IP Address Tracking



Limit IP address tracking by hiding your IP address from

3:32



Networking

WI-FI

INTERNET

TESLA



Test Connection



Wi-Fi

BarefootWifi



Ethernet

Not connected



Cellular

Connected





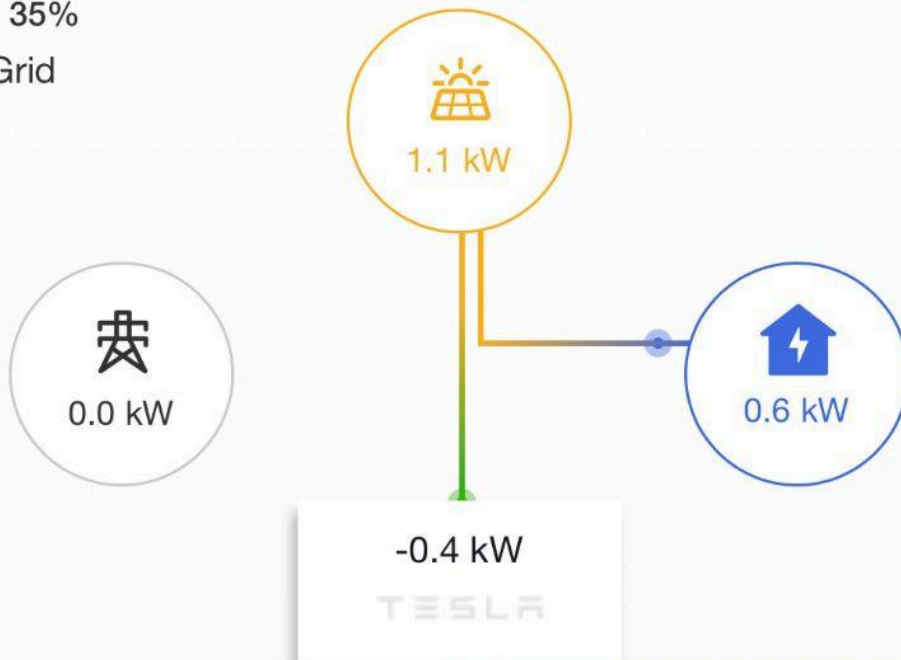
3:42



Barefoot House

 35%

On-Grid



Stop System

System Running

Important Safety Notices



To safely make changes to wiring, ensure the Powerwall's switch is OFF.



System



Settings



Networking



3:42



Registration



Installer Info

Wiring Solution Plus,LLC



Customer Registration

Registered



3:42 ↗



Summary

Equipment

Site Name	Barefoot House
Site Controller	1707000-11-M-- TG125116001W2J
Powerwalls	1707000-11-M-- TG125116001W2J Max Current: 48A (11.5 kW)
Meters	Backup Switch: 1624171- 00-N--GF2251260003WG (Site, Site)

Operation Settings

Software Version	24.28.202 cc45f87b
Mode	Time-based control
Backup Reserve	24%
Timezone	America/New_York
Network	Wi-Fi
Grid Code	60Hz_240V_s_SMC_IEEE15 47-2018_Category-III
Grid Charging Permission	Allowed
Grid Exporting Permission	Solar Only (Default)



Summary

TG125116001W2J

Max Current: 48A (11.5 kW)

Meters

Backup Switch: 1624171-00-N--GF2251260003WG
(Site, Site)

Operation Settings

Software Version

24.28.202 cc45f87b

Mode

Time-based control

Backup Reserve

24%

Timezone

America/New_York

Network

Wi-Fi

Grid Code

60Hz_240V_s_SMC_IEEE15
47-2018_Category-III

Grid Charging Permission Allowed

Grid Exporting Permission Solar Only (Default)

Site Import Limit

None

Site Export Limit

None

Panel Maximum Current
Limit

80A

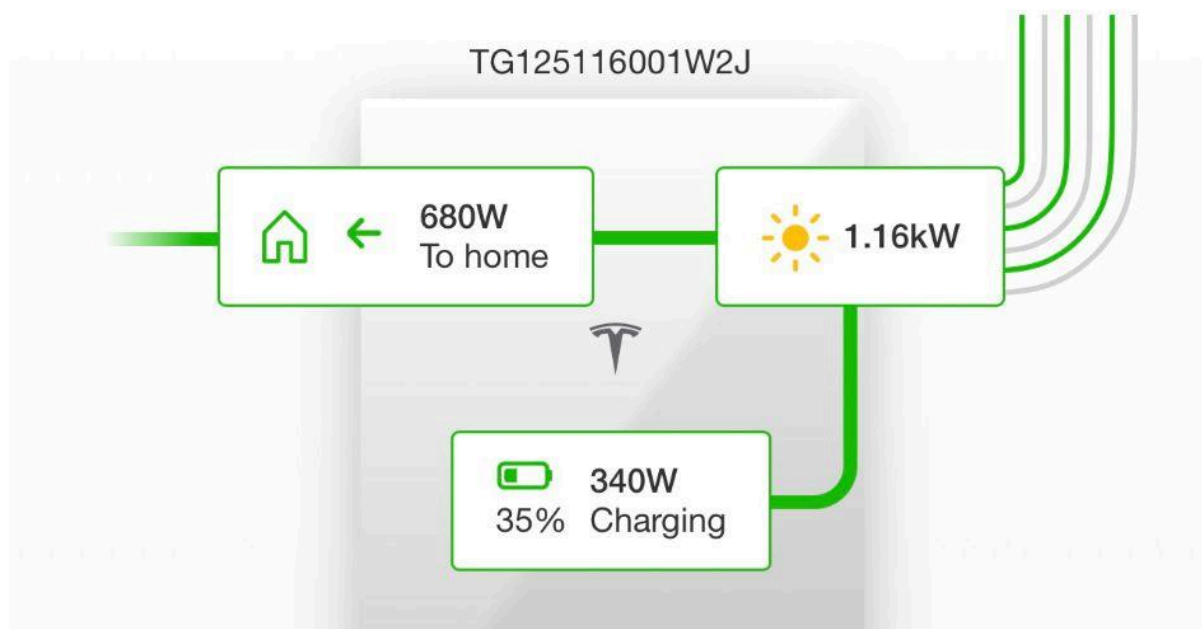
Backup Behavior

Automatic

3:43



Powerwall 3



AC Vitals

Max Current Output	48A (11.5 kW) >
Inverter State	Active
Inverter Mode	Grid Following
Frequency	60.02Hz
AC Voltage (L-L)	244.8V
Line 1	122.4V
Line 2	122.2V

Solar DC Inputs

MPPT 1	382V / 1.55A
--------	--------------

3:43



Powerwall 3

Max Current Output

48A (11.5 kW) 

Inverter State

Active

Inverter Mode

Grid Following

Frequency

60.02Hz

AC Voltage (L-L)

244.8V

Line 1

122.4V

Line 2

122.4V

Solar DC Inputs

MPPT 1

380V / 1.55A

MPPT 2

380V / 1.5A

MPPT 3

0V / -0.05A

MPPT 4

0V / -0A

MPPT 5

0V / -0A

MPPT 6

0V / -0A

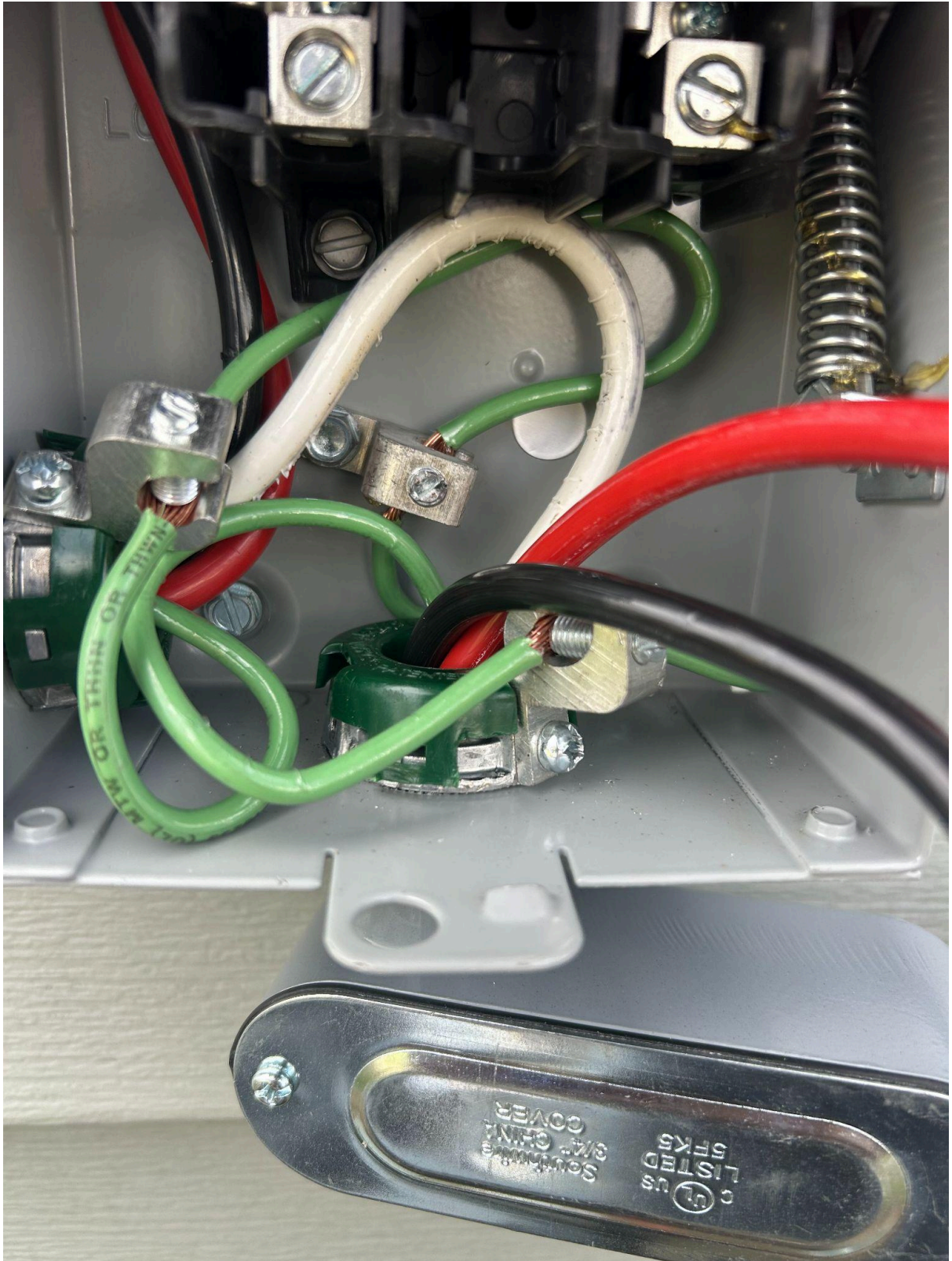
Battery

Battery State

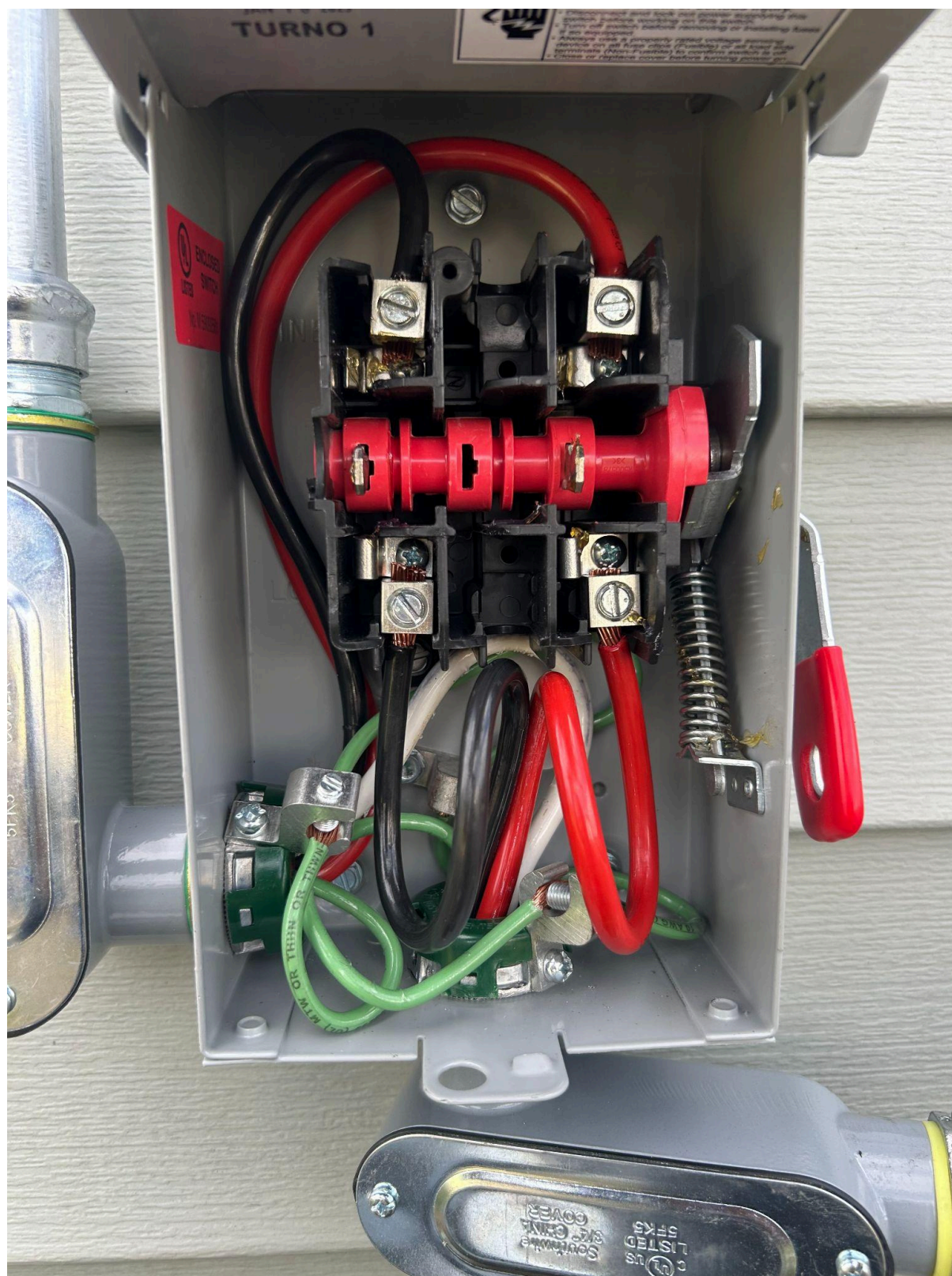
Active

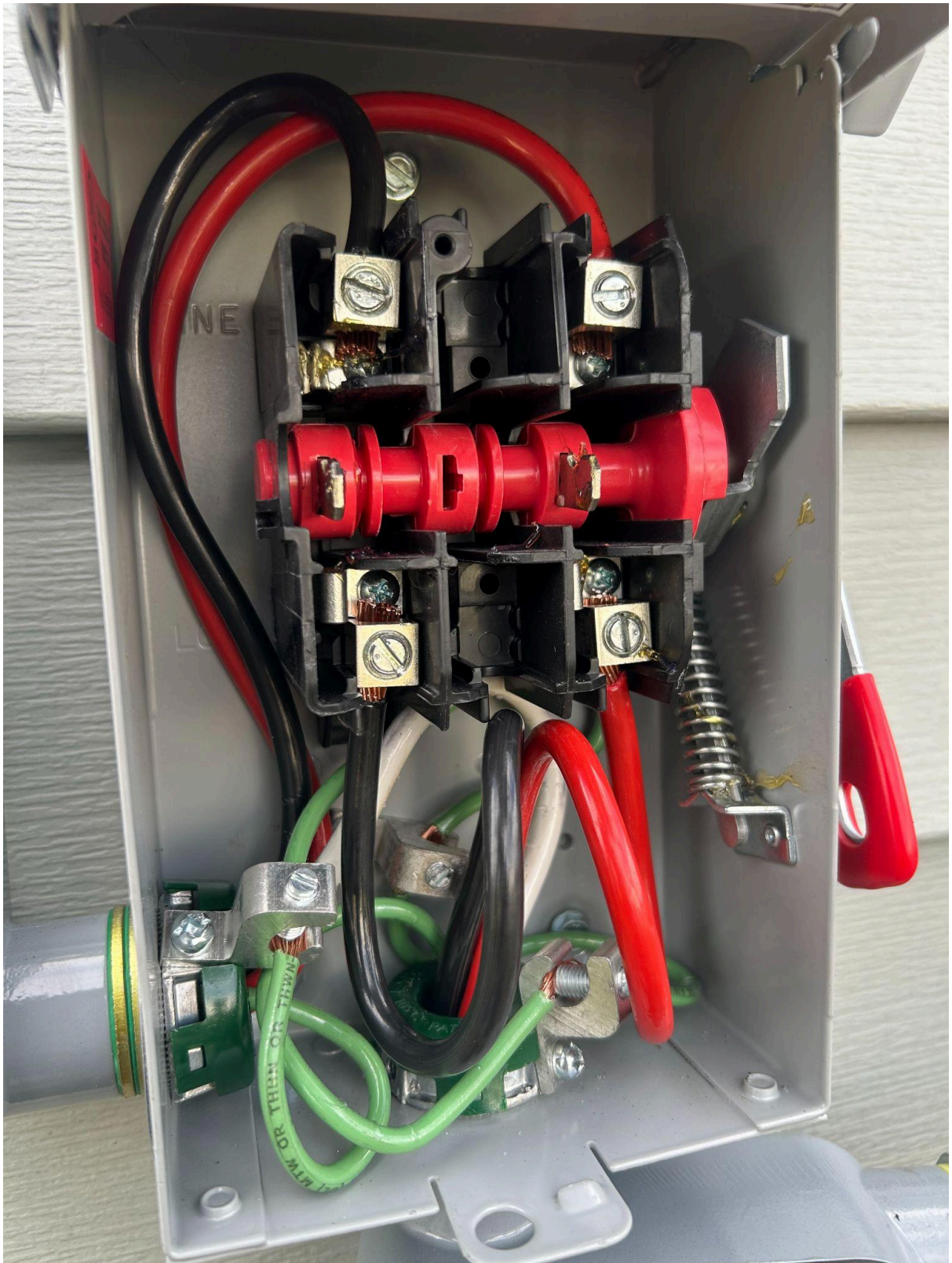


















SSID:
TeslaPW_PYJMCP
Password:
XVTFECGMFY

FTI250550002AA OH

WARNING

TURN OFF POWER SWITCH BEFORE WIRING.

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

MAX DC VOLTAGE OF PV SYSTEM: _____ V

TESLA POWERWALL ENERGY
STORAGE SYSTEM GRID
SUPPORT UTILITY INTERACTIVE
& STANDALONE INVERTER



TESLA PART NO.
1707000-11-M
SN: TQ125116001W2J

**BATTERY ENERGY STORAGE SYSTEM (BESS) &
PHOTOVOLTAIC (PV) POWER CONVERSION EQUIPMENT**

NOMINAL BATTERY ENERGY	13.5 kWh	BESS INVERTER TOPOLOGY	ISOLATED
BATTERY TYPE	LI-ION	OPERATING TEMPERATURE RANGE	-20°C TO 50°C
PROTECTIVE CLASS	CLASS I	DE-RATED TEMPERATURE RANGE	40°C TO 50°C
ENCLOSURE TYPE	TYPE 3R	MASS	130 kg
PV INVERTER TOPOLOGY	NON-ISOLATED		

BATTERY ENERGY STORAGE SYSTEM (BESS) & PHOTOVOLTAIC (PV) SPECIFICATIONS

NOMINAL GRID VOLTAGE INPUT & OUTPUT	240 V (AC)	BESS MAX CONTINUOUS INPUT CURRENT, POWER	
GRID VOLTAGE RANGE	211 V - 264 V (AC)	POWERWALL 3 ONLY	20.8 A (AC) (5 kVA)
PHASE	2W+N+PE	POWERWALL 3 + EXPANSION	33.3 A (AC) (8 kVA)
FREQUENCY	60 Hz	POWER FACTOR	-1 TO +1
MAX SHORT-CIRCUIT CURRENT RATING	10 kA (AC)	PV OPERATING DC INPUT VOLTAGE RANGE	60 - 550 V (DC)
MAX CONTINUOUS OUTPUT CURRENT (AC) (POWER AT 240V)	☐ 24 A (AC) (5.8 kVA) ☐ 32 A (AC) (7.6 kVA) ☐ 42 A (AC) (10 kVA) ☐ 48 A (AC) (11.5 kVA)	PV OPERATING DC MPPT VOLTAGE RANGE	60 - 480 V (DC)
MAX CONTINUOUS OUTPUT CURRENT OFF-GRID (PV ONLY, -20°C TO 25°C)	☐ 64 A (AC) (15.4 kVA)	PV MAX SYSTEM VOLTAGE	600 V (DC)
		PV MAX INPUT CURRENT	15 A (DC)
		PV DC ARC FAULT PROTECTION	TYPE 1



CONFORMS TO UL STD 9540, UL STD 1741, UL STD 1873, UL STD 1699B,
CSA C22.2 No. 107.1, CSA 22.2 No. 336, CSA 22.2 No. 9.292
CONTAINS FCC ID: J4261-NL180BMOD, XMP2020B65M2
CONTAINS IC: 20098-WL180BMOD, 102244-2020B65M2

GRID SUPPORT INTERACTIVE INVERTER - CSA C22.3 NO. 9 - SUPPLEMENTAL
PHOTOVOLTAIC DC ARC FAULT DETECTOR PROTECTION
SUITABLE FOR SERIES AND PARALLEL ARCING FAULT PROTECTION

THE MAXIMUM OPERATING CURRENT OF THIS SYSTEM MAY BE CONTROLLED ELECTRONICALLY. REFER TO
THE MANUFACTURER'S INSTRUCTIONS FOR MORE INFORMATION.

PHOTOVOLTAIC (PV) RAPID SHUTDOWN SYSTEM EQUIPMENT R82

ONLY THE INDICATED TERMINALS OF THIS PRODUCT COMPLY WITH PV RAPID SHUTDOWN REQUIREMENTS
FOR CONTROLLED CONDUCTORS OUTSIDE THE ARRAY WIRING CONTROLLED CONDUCTOR CONNECTION
PORT. REFER TO INSTRUCTIONS FOR CONDITIONS OF USE.

CAUTION: RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER NO USER SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. BOTH AC AND DC VOLTAGE SOURCES
ARE TERMINATED INSIDE THIS EQUIPMENT. EACH CIRCUIT MUST BE INDIVIDUALLY DISCONNECTED
BEFORE SERVICING. WHEN THE PV ARRAY IS EXPOSED TO LIGHT IT SUPPLIES A DC VOLTAGE TO THIS
EQUIPMENT.

WARNING: ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PV SYSTEM ARE
NORMALLY GROUNDING BUT WILL BECOME INTERNALLY GROUNDED WITHOUT INDICATION WHEN
THE INVERTER MEASURES THE PV ARRAY ISOLATION. ENERGY STORED IN CAPACITOR. DO NOT REMOVE
COVER UNTIL 5 MINUTES AFTER DISCONNECTING THE EQUIPMENT. POWER FED FROM MORE THAN ONE
SOURCE. DISCONNECT ALL SOURCES OF SUPPLY BEFORE SERVICING.

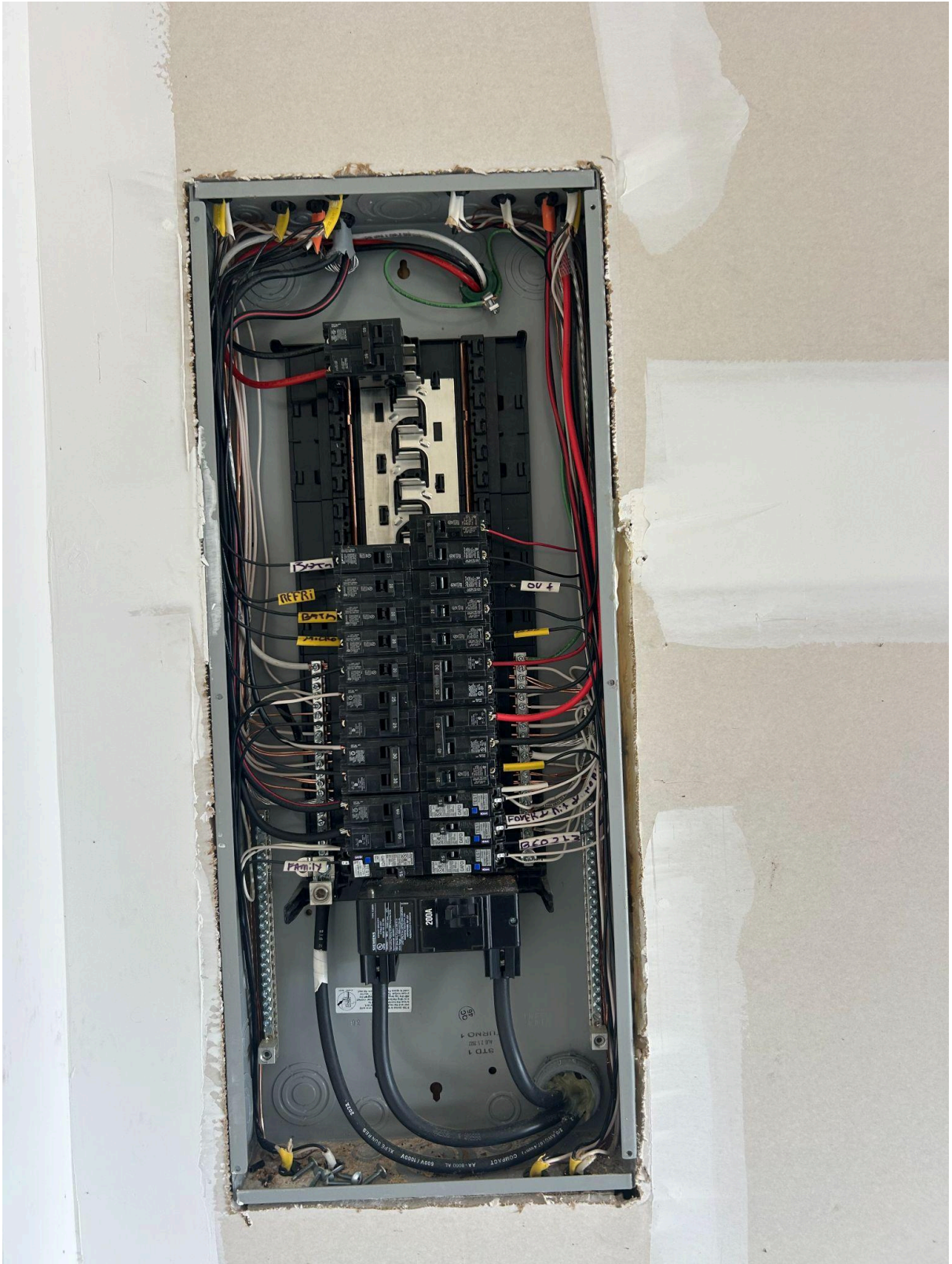
ATTENTION: DES SOURCES D'ALIMENTATION C.A. ET C.C. SONT BRANCHÉES DANS CET
ÉQUIPEMENT. LORSQUE L'ISOLATION DE LA LUMIÈRE, IL FOURNIT UNE TENSION CONTINUE À CET
ÉQUIPEMENT.

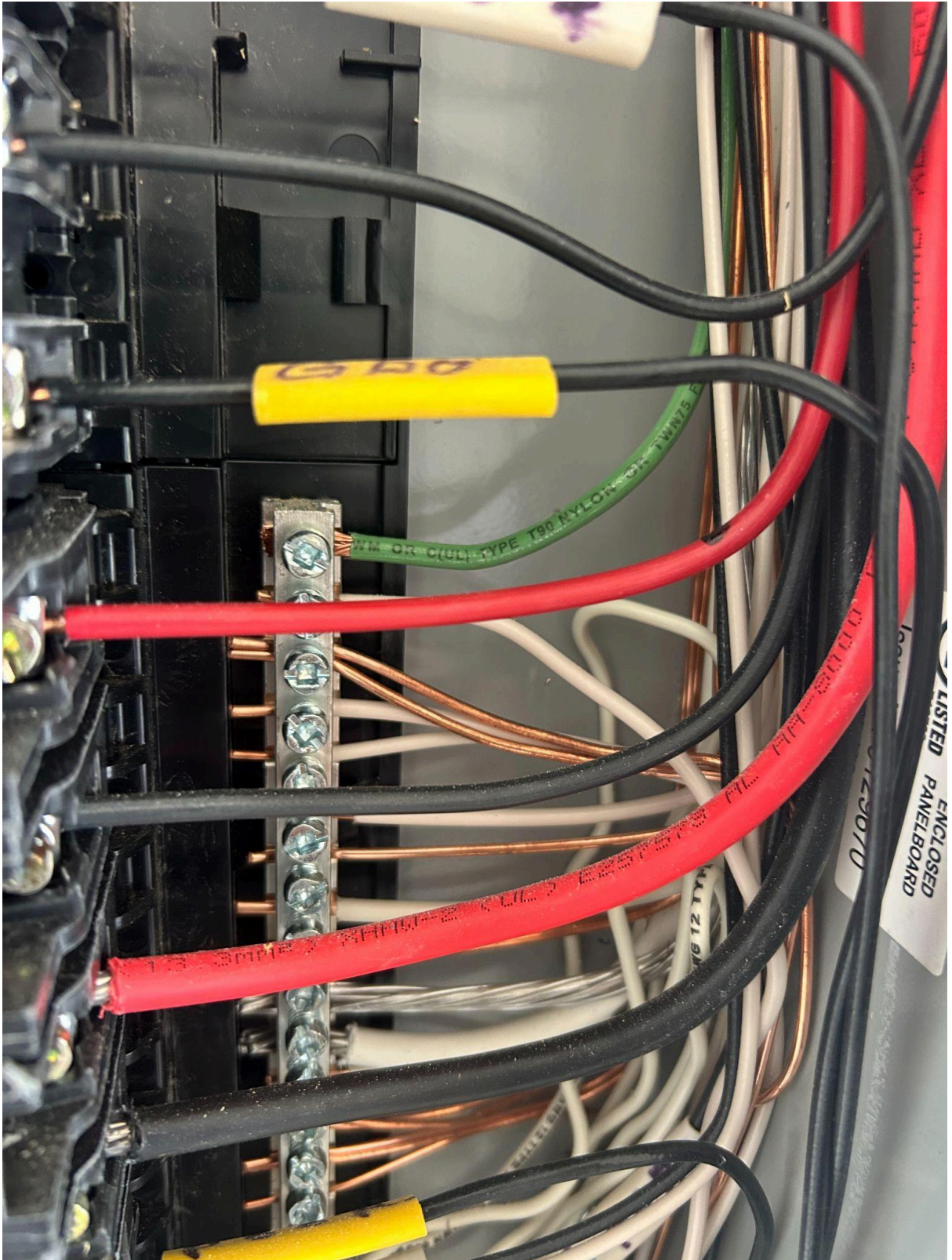
AVERTISSEMENT: RISQUE D'ÉLECTROCUTION. NE PAS RETIRER LE COUVERCLE
ÉLECTRIQUE. LES CONDUCTEURS DE TENSION CONTINUE DE CE SYSTÈME PHOTOVOLTAÏQUE SONT
NORMALEMENT NON MIS À LA TERRE, MAIS ILS DEVENDRAIENT PAR MOMENT MIS À LA TERRE. SANS
AVERTISSEMENT, LORSQUE L'ISOLATION DE LA LUMIÈRE, IL FOURNIT UNE TENSION CONTINUE À CET
ÉQUIPEMENT. ÉNERGIE STOCKÉE DANS LE CONDENSATEUR. ATTENDEZ AU MOINS 5 MINUTES APRÈS
AVER DE DÉCONNECTER L'ÉQUIPEMENT AVANT DE RETIRER LE COUVERCLE. ALIMENTATION PROVENANT DE
PLUSIEURS SOURCES. DÉCONNECTEZ DE TOUTES LES SOURCES DE COURANT AVANT DE PROCÉDER À
L'ENTRETIEN.

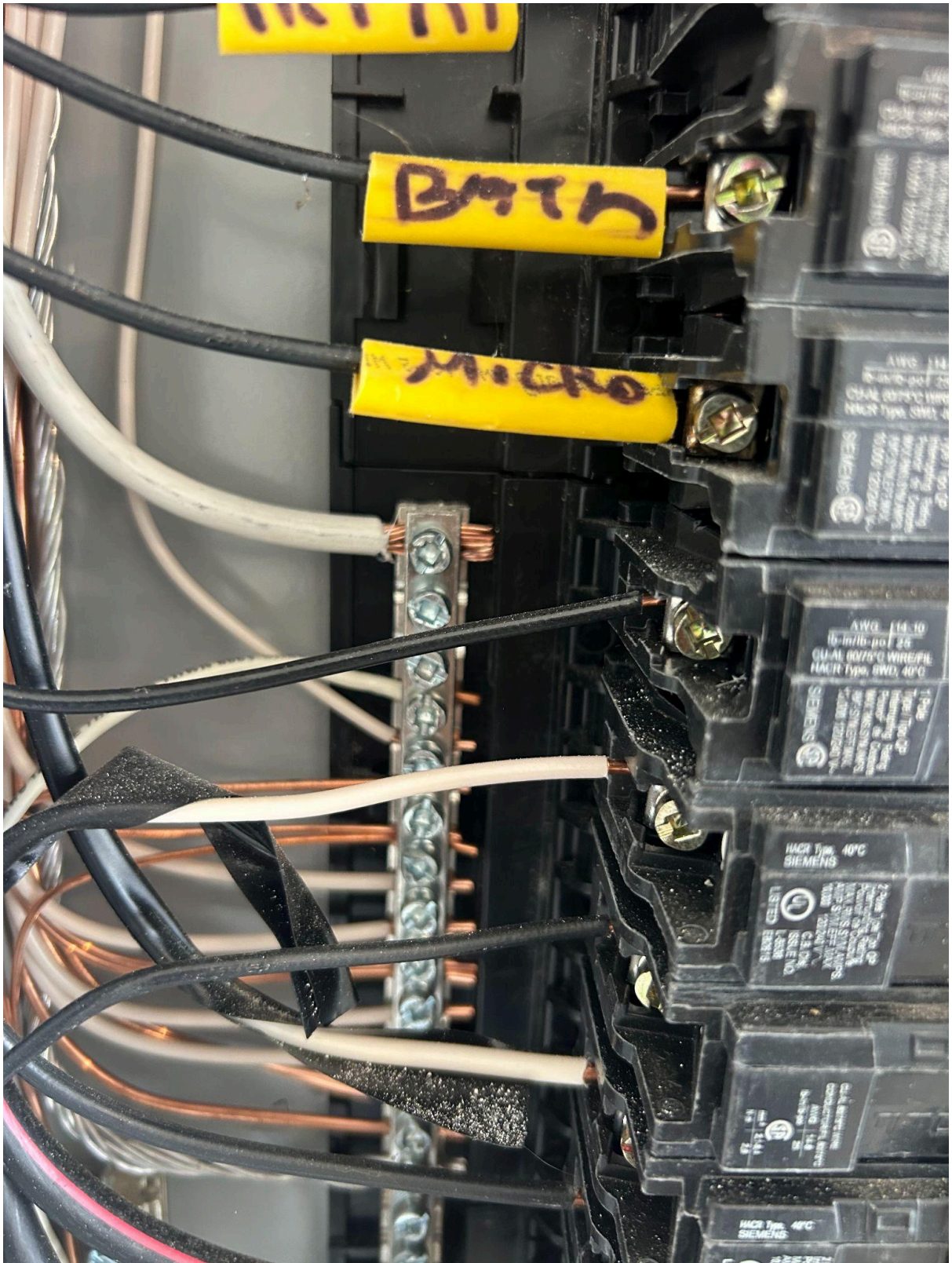
TESLA
COUNTRY OF ORIGIN: US

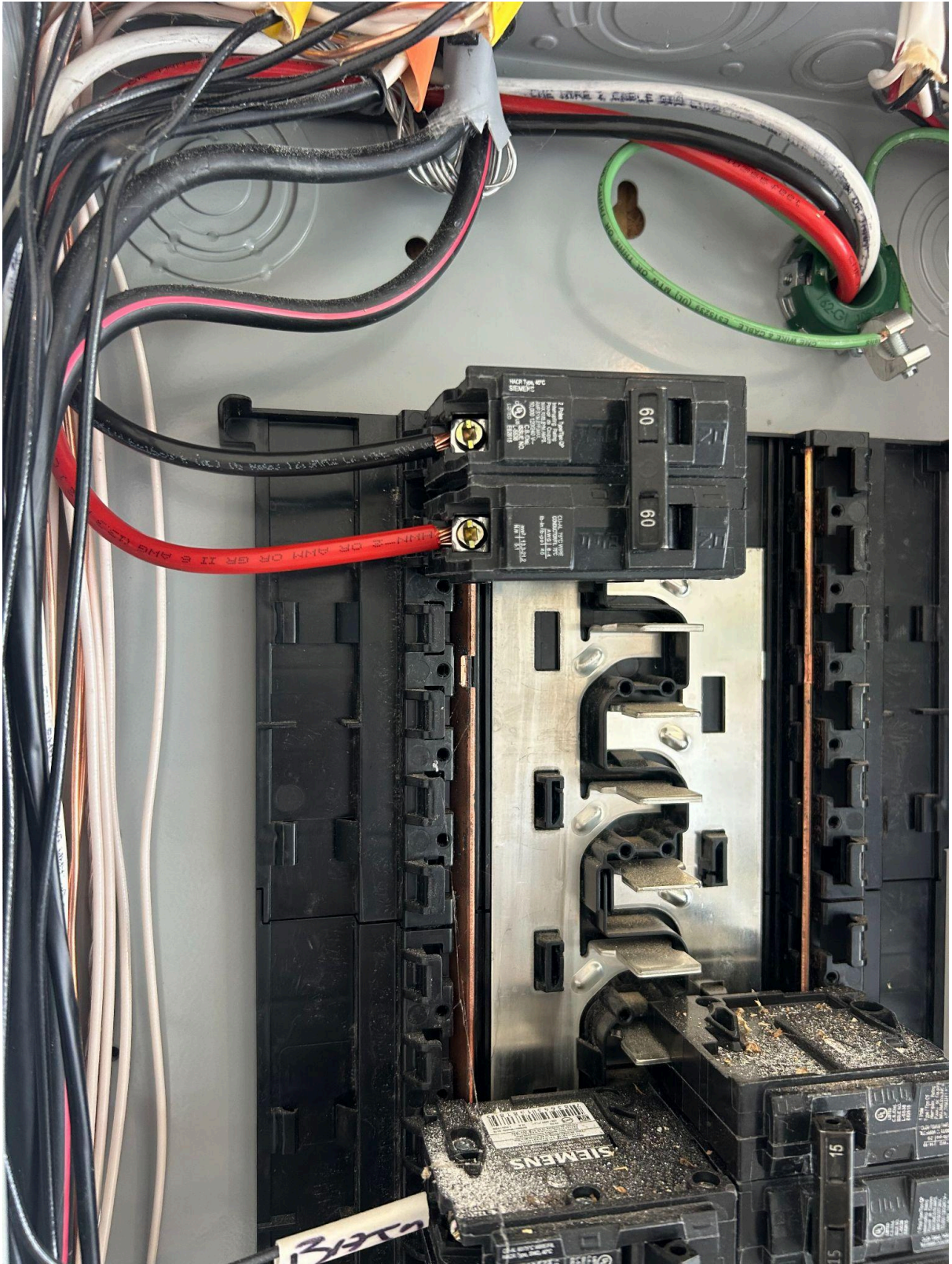
TESLA, INC.
550 MILAN DR
SPRINGSVILLE, NY 13437, USA

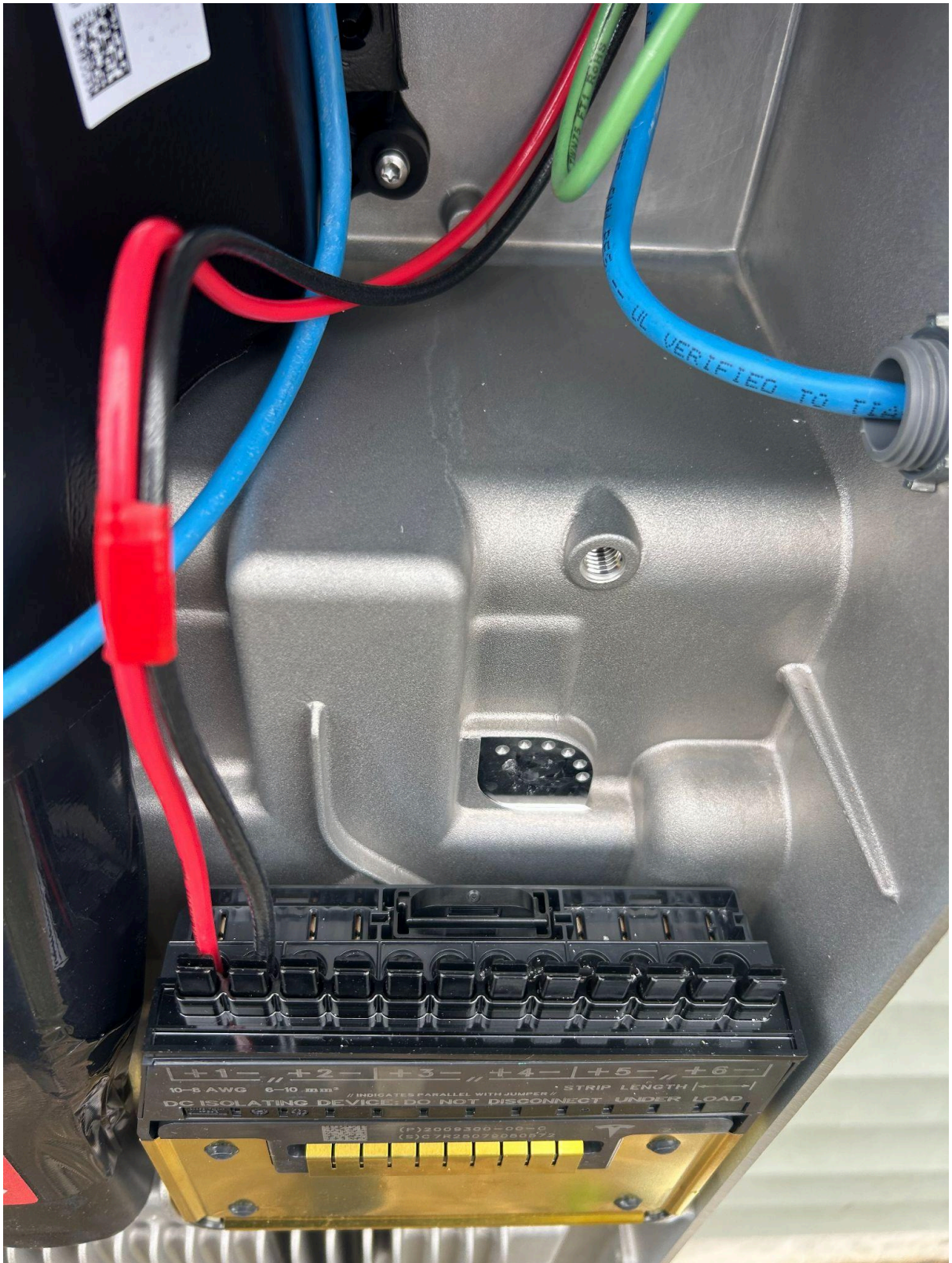
TEL: 1(877)798-3752
WWW.TESLA.COM

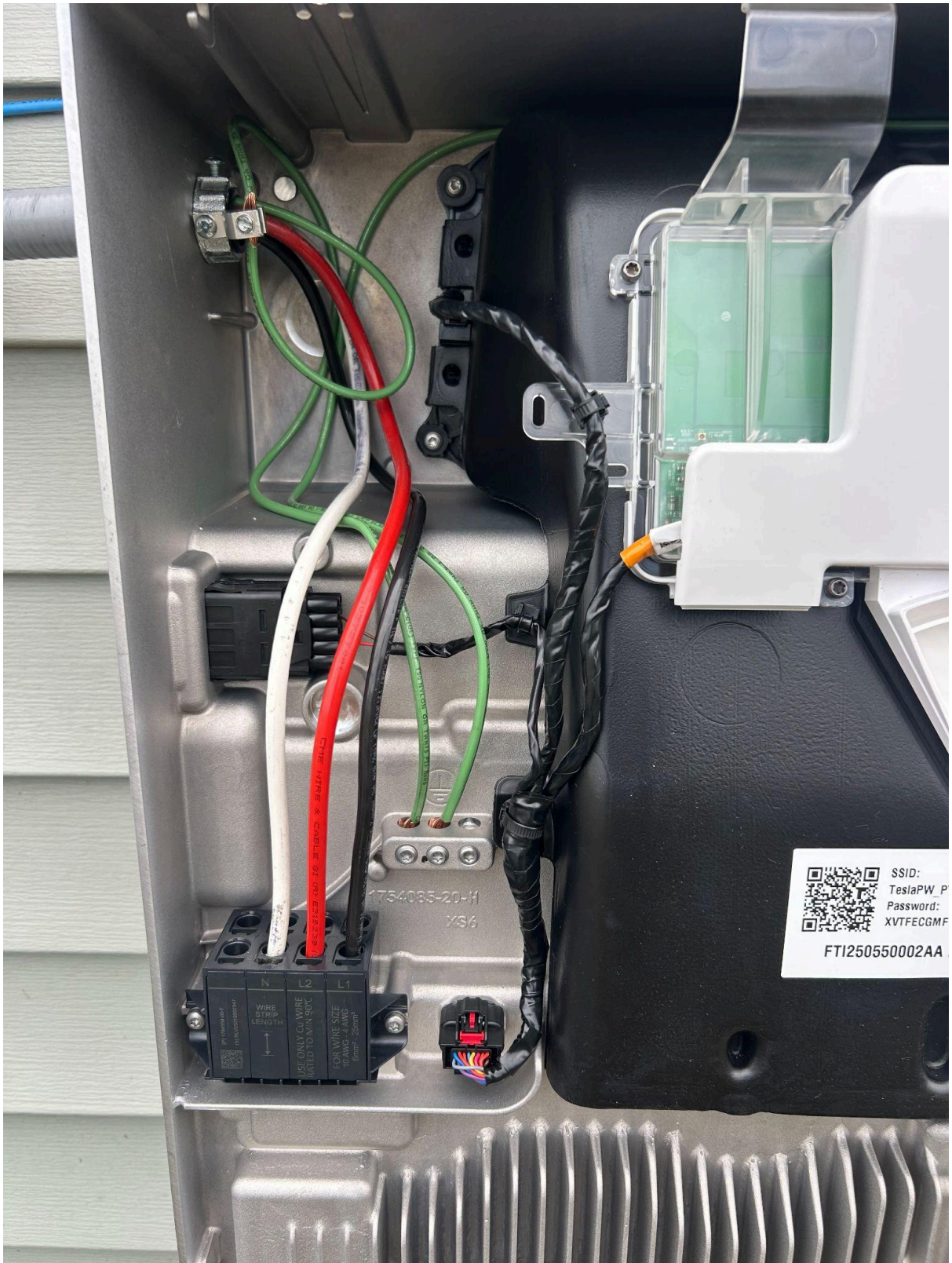






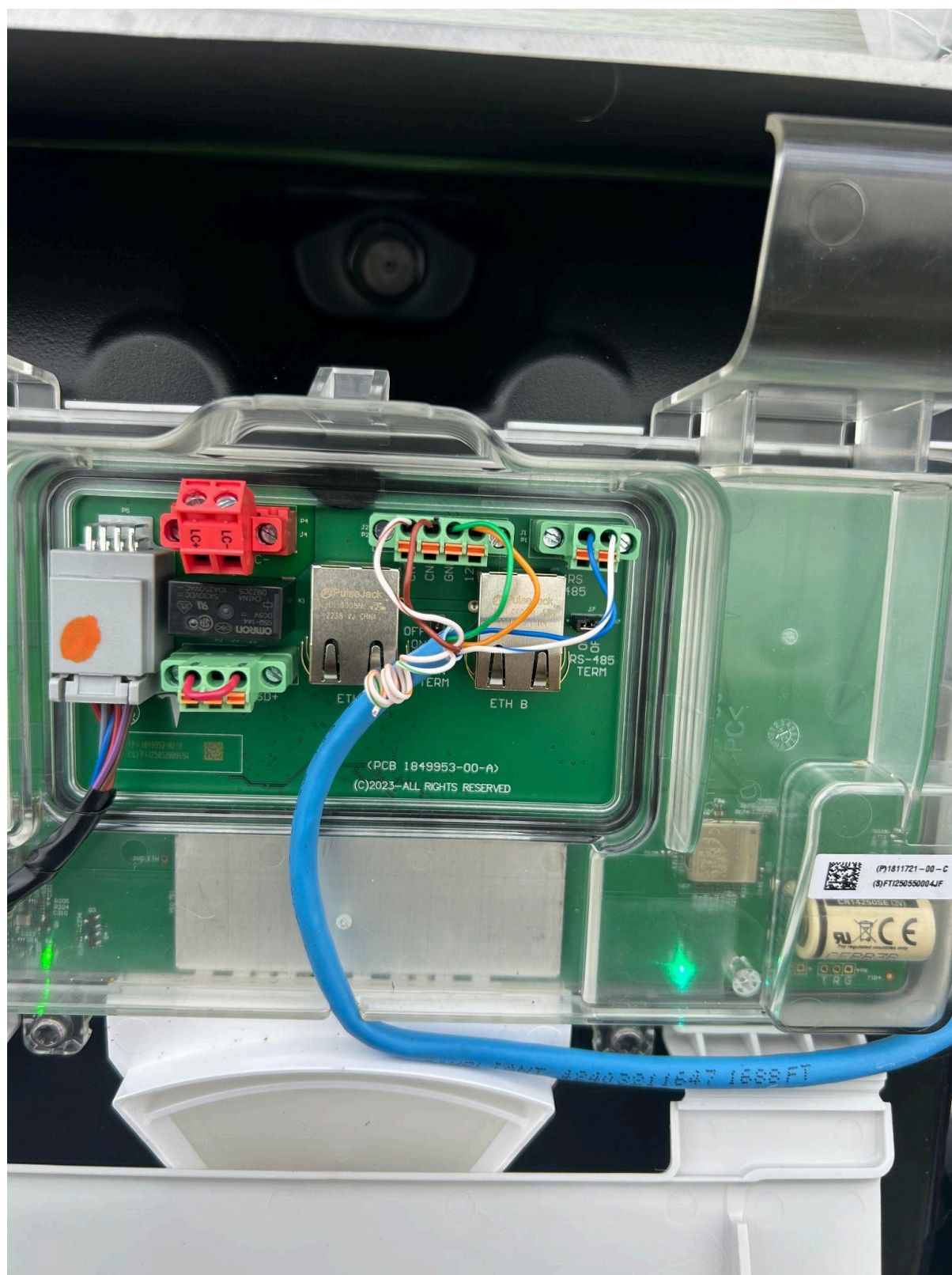








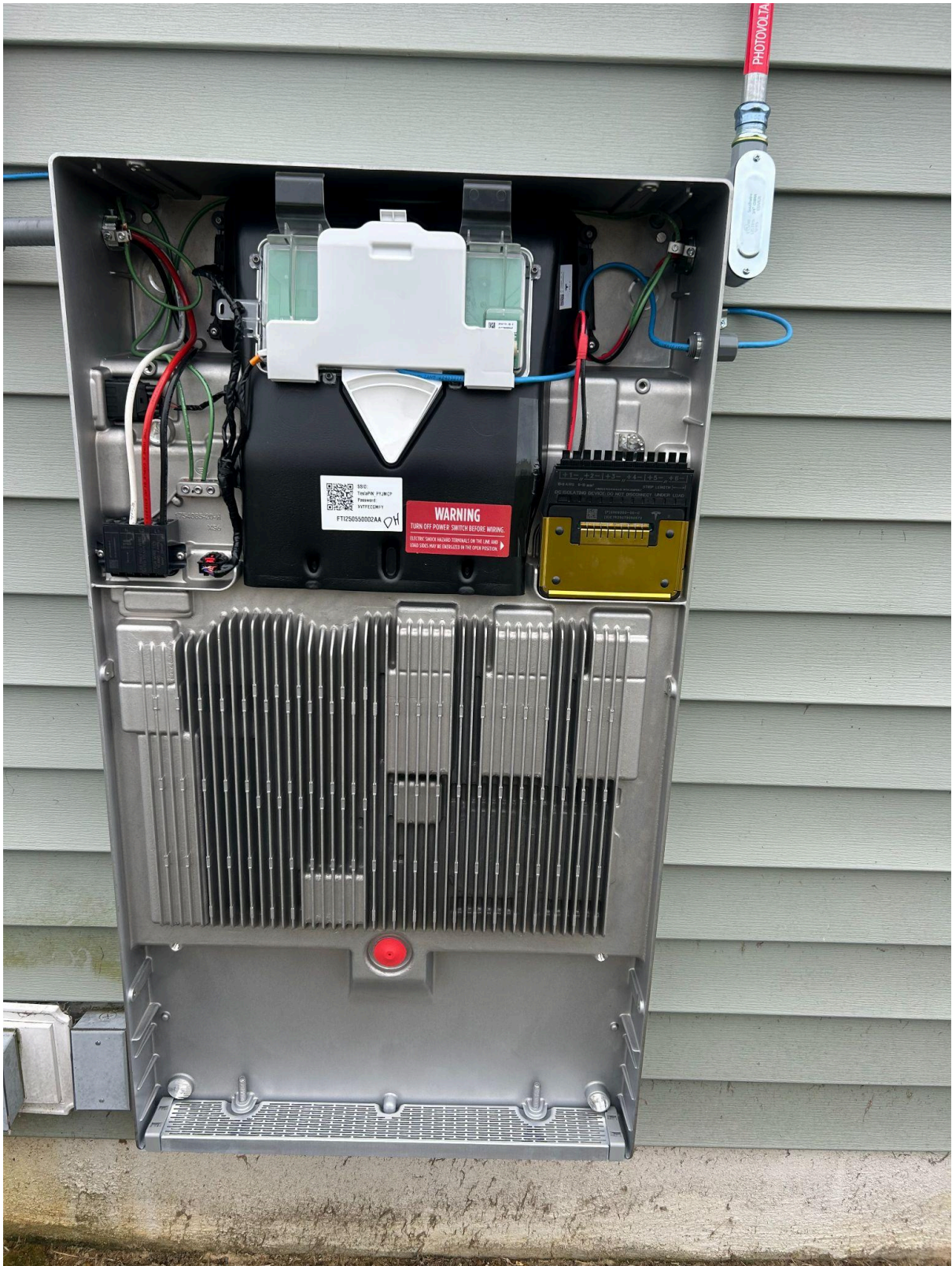














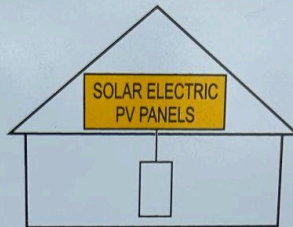




SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

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

pvlabs.com



07-111



WARNING

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

pvlabs.com

09-215

PHOTOVOLTAIC POWER SOURCE

OPERATING AC VOLTAGE **240** V
MAXIMUM OPERATING
AC OUTPUT CURRENT **48** A

pvlabs.com

03-200







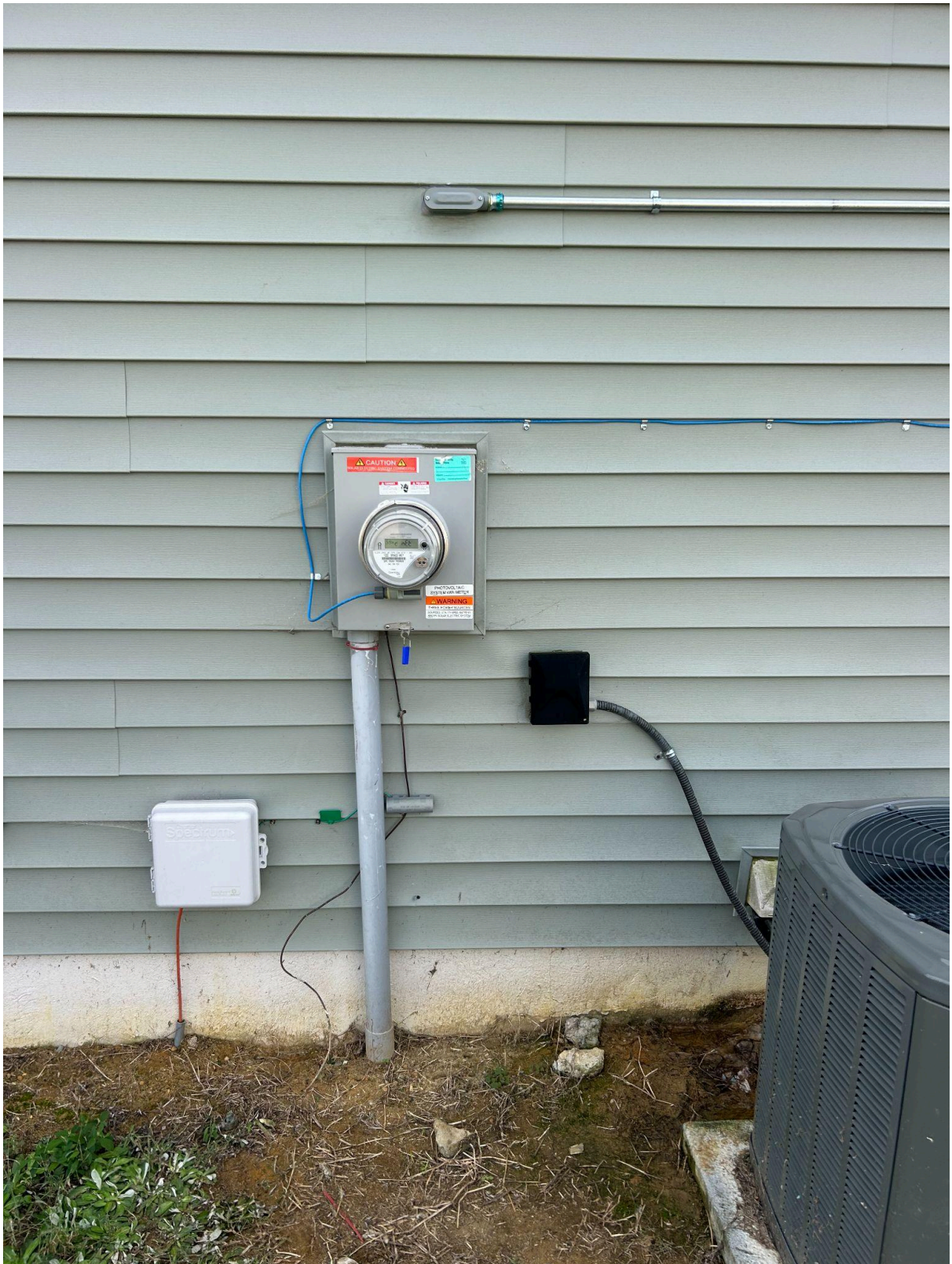










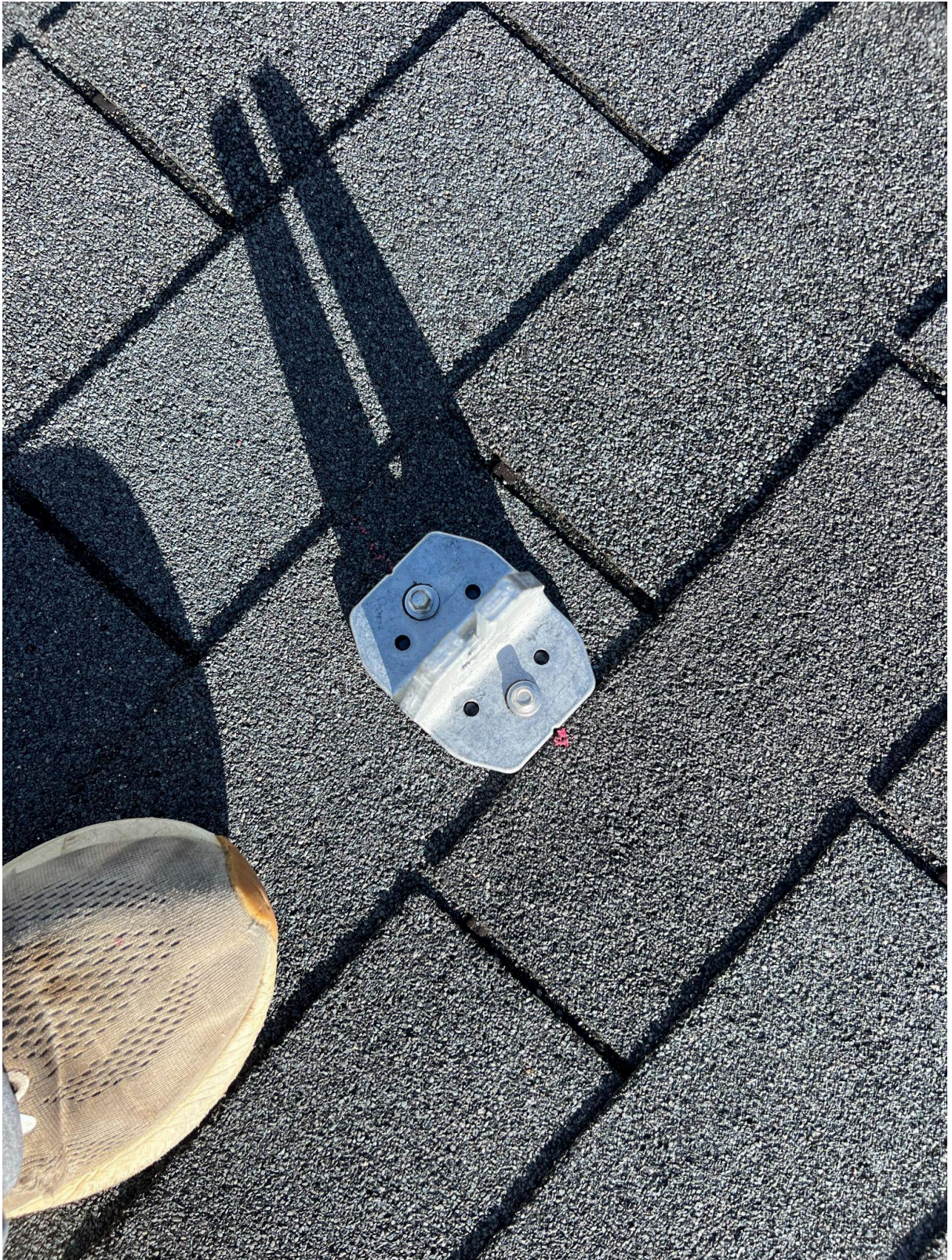
















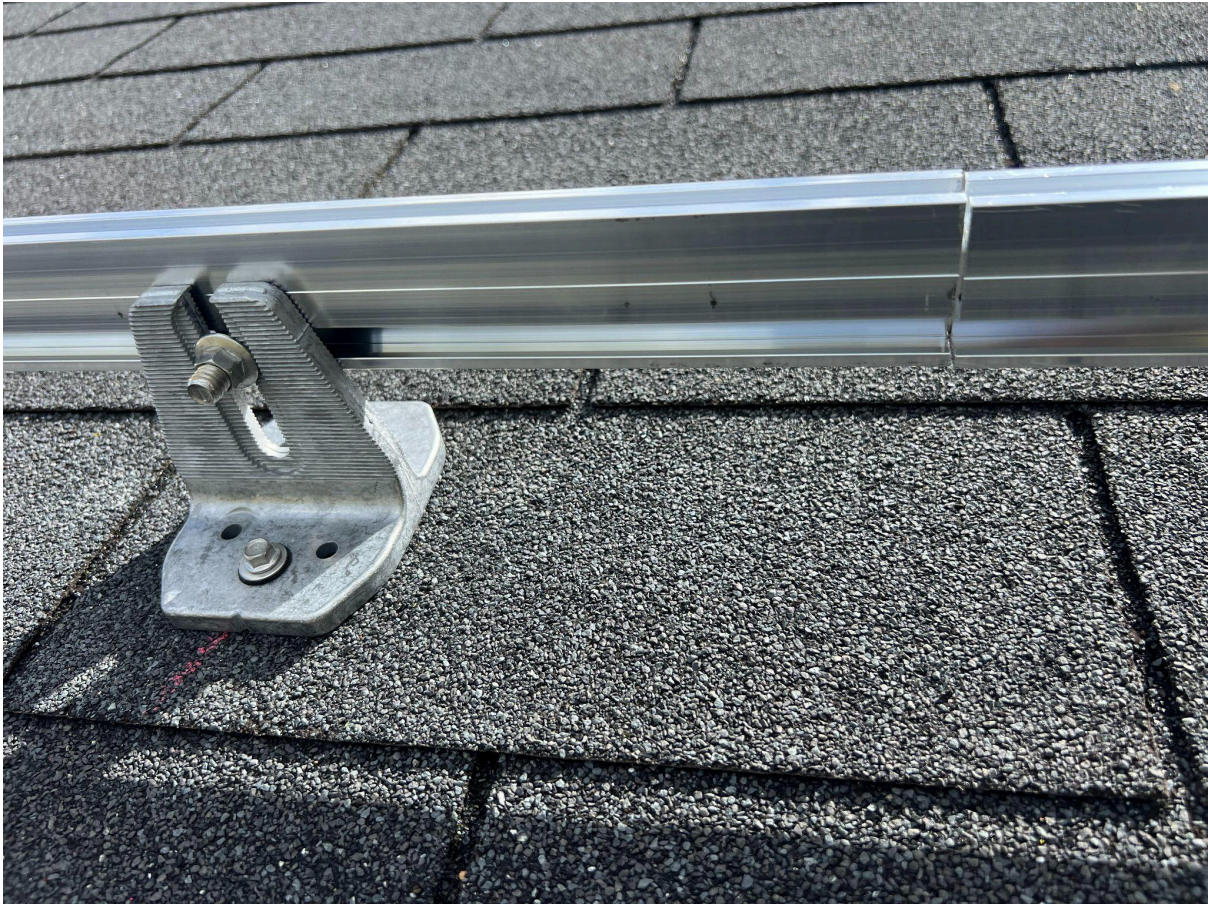




















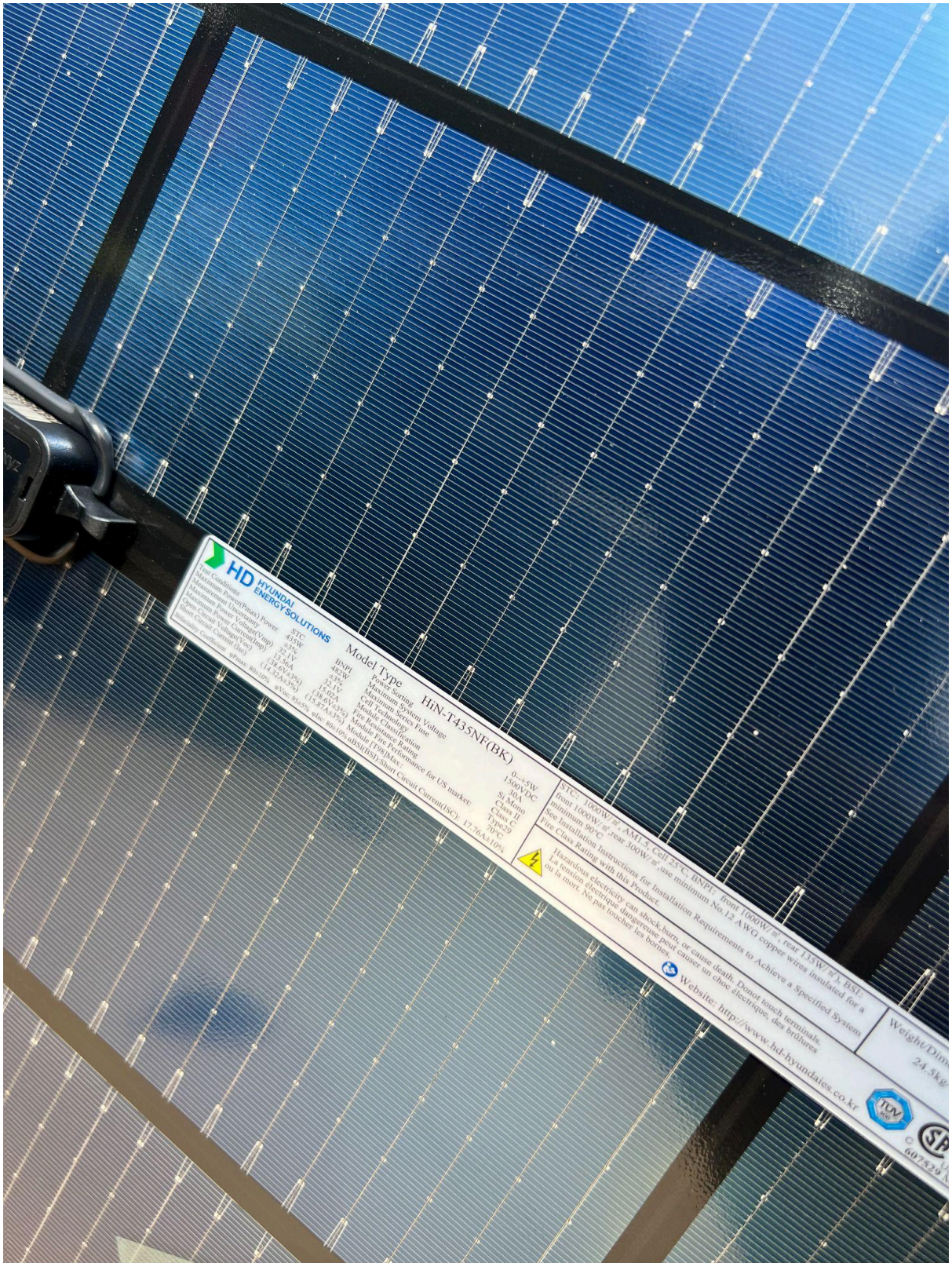












HD HYUNDAI ENERGY SOLUTIONS

Model Type HiN-T435NF(BK)

Electrical Characteristics

Test Condition	STC
Maximum Power (P _{max})	435W
Maximum Power Voltage (V _{mp})	33.5V
Maximum Power Current (I _{mp})	12.85A
Open Circuit Voltage (V _{oc})	42.1V
Short Circuit Current (I _{sc})	14.32A
Module Efficiency (%)	20.9%

Performance Data

Test Condition	STC
Maximum System Voltage	1500VDC
Maximum System Current	15.0A
Maximum System Power	1500W
Maximum System Voltage	1500VDC
Maximum System Current	15.0A
Maximum System Power	1500W

Other Specifications

Test Condition	STC
Maximum Power (P _{max})	435W
Maximum Power Voltage (V _{mp})	33.5V
Maximum Power Current (I _{mp})	12.85A
Open Circuit Voltage (V _{oc})	42.1V
Short Circuit Current (I _{sc})	14.32A
Module Efficiency (%)	20.9%

Short Circuit Current (I_{sc}) 17.76A ±10%

STC: 1000W/m², AM1.5, Cell 25°C, BIPV, front 1000W/m², rear 300W/m², use minimum No.12 AWG copper wires insulated for a minimum 90°C. See installation instructions for installation requirements to achieve a specified system fire class rating with this product.

Weight/Dim 24.5kg

Website: <http://www.hd-hyundates.co.kr>

SP 607529



















