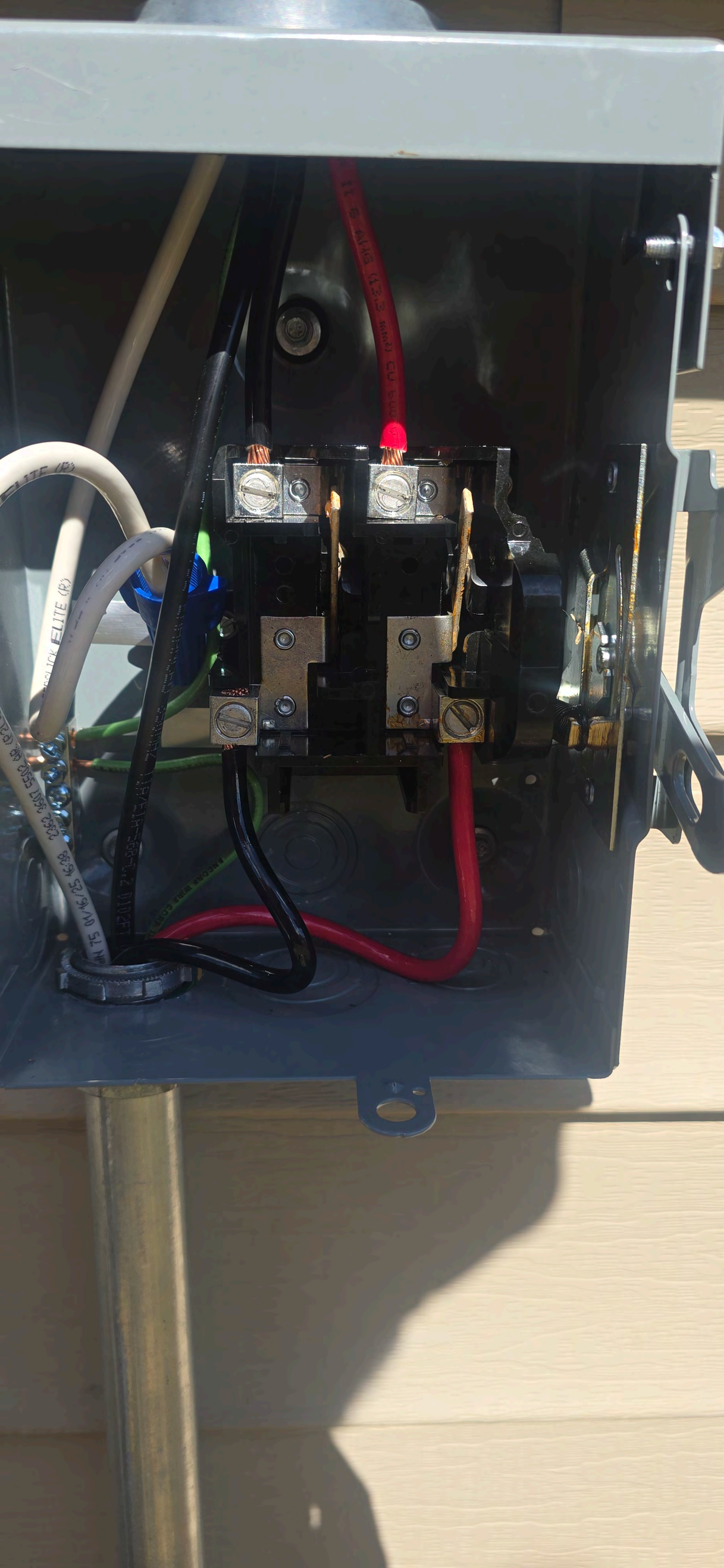
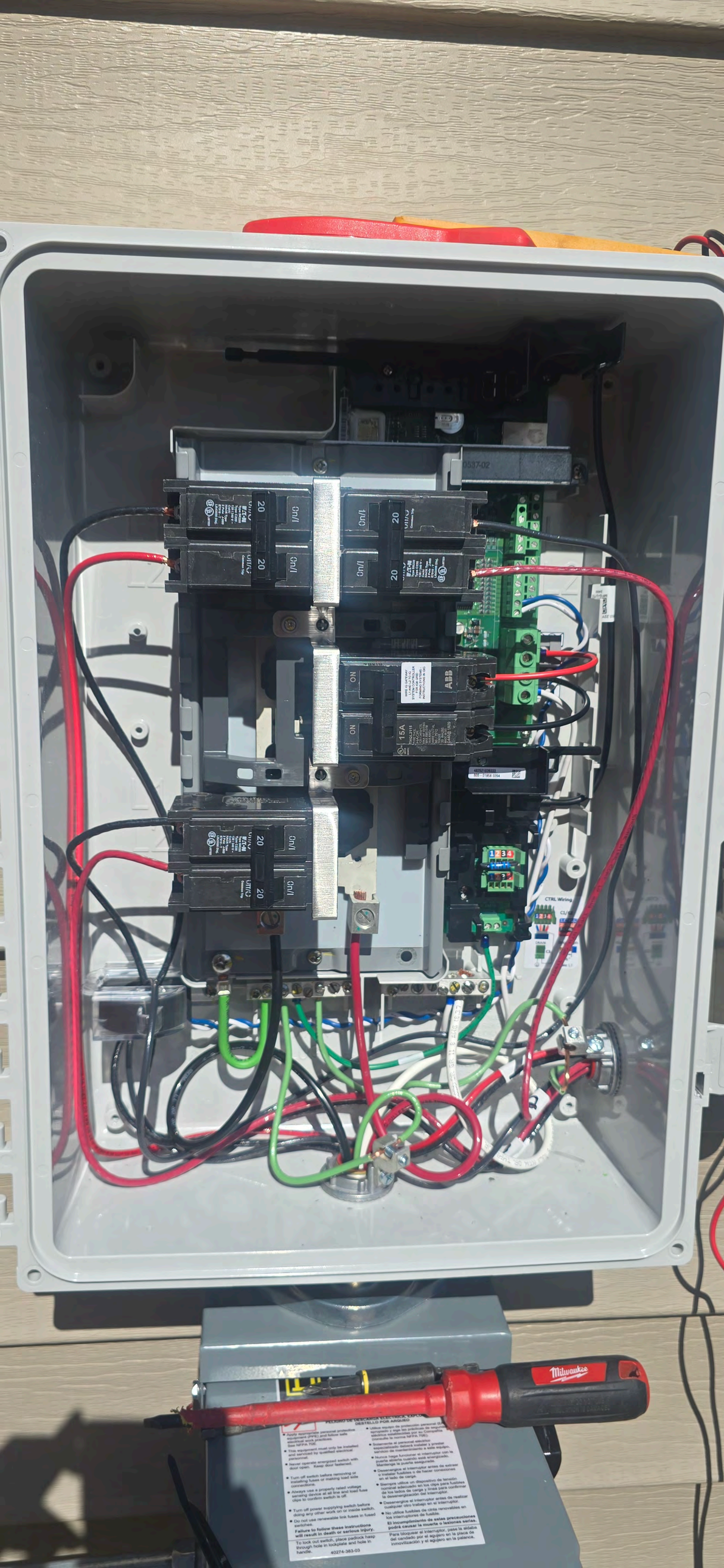
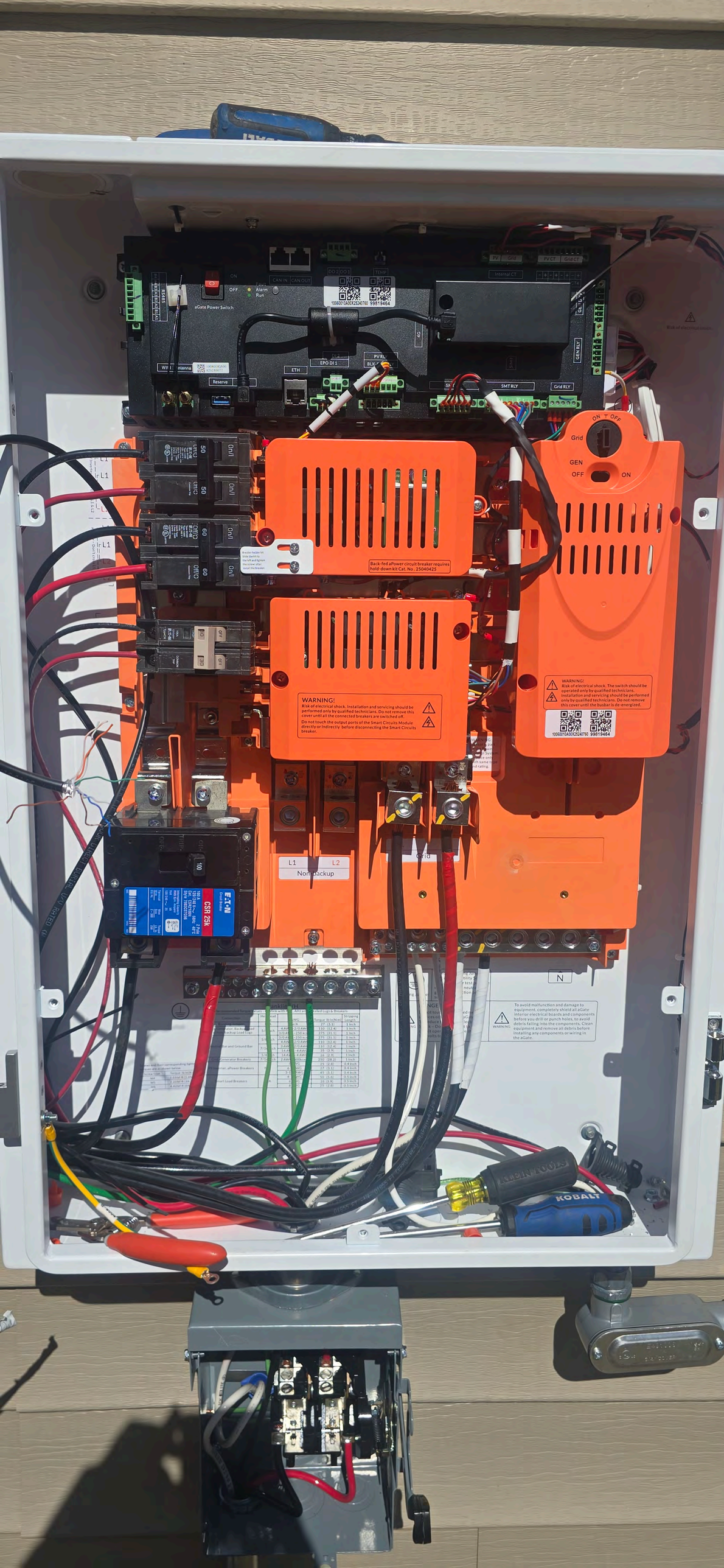
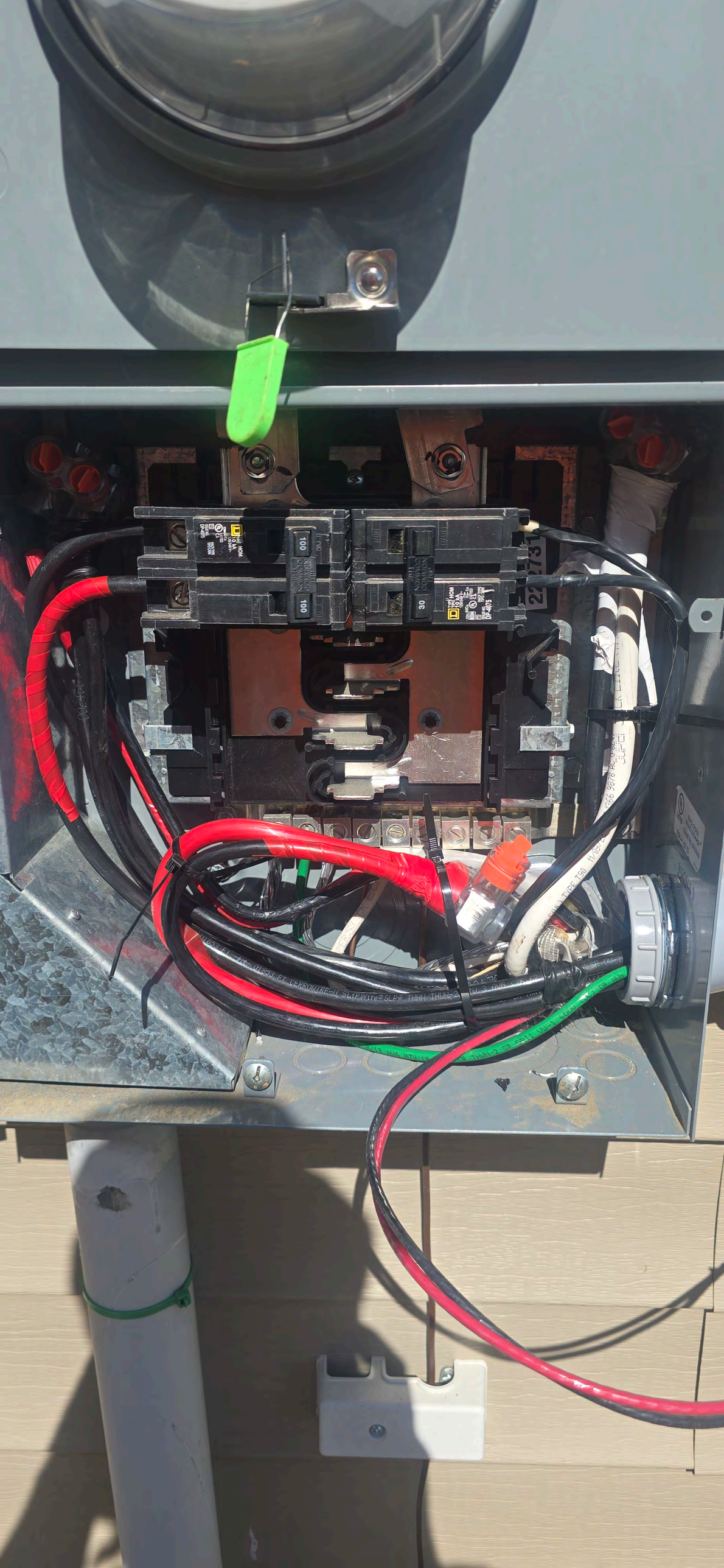



ON
ABB
15A
CTRL Wiring
Milwaukee


aGate Power Switch
ON
OFF
Alarm
Run
CAN IN
CAN OUT
ETH
Reserve
SMT RLY
Grid RLY
Back-fed aPower circuit breaker requires hold-down kit Cat. No. 25040425
WARNING!
Risk of electrical shock. Installation and servicing should be performed only by qualified technicians. Do not remove this cover until all the connected breakers are switched off.
Do not touch the output ports of the Smart Circuits Module directly or indirectly before disconnecting the Smart Circuits breaker.
WARNING!
Risk of electrical shock. The switch should be operated only by qualified technicians. Installation and servicing should be performed only by qualified technicians. Do not remove this cover until the busbar is de-energized.
ON
OFF
Grid
GEN
OFF
ON
L1
L2
Non-backup
Grid
N
CSR 25k
100A
240V
2 Pole
EATON
To avoid malfunction and damage to equipment, completely shield all aGate interior electrical boards and components before you drill or punch holes, to avoid debris falling into the components. Clean equipment and remove all debris before installing any components or wiring in the aGate.
KOBALT


100
100
30

Schneider ELECTRIC

SHIELD®

TECHSHIELD
RADIANT BARRIER
LP
BUILDING PRODUCTS
TECHSHIELD

BUILDING PROOU
TP

aGate Power Switch

CAN IN CAN OUT

DO 2 DO 1 TEMP

Fault Alarm Run

ETH

EPO DI 1

DI 2

4G

PV Grid

PV CT Grid CT

GEN RLY

Grid RLY

Risk of electrical shock.

Reserve

Breaker holder kit
Slide the kit to the left and tighten the screws after install the breaker.

Back-fed aPower circuit breaker requires hold-down kit Cat. No . 25040425

WARNING!
Risk of electrical shock. Installation and servicing should be performed only by qualified technicians. Do not remove this cover until all the connected breakers are switched off.

Do not touch the output ports of the Smart Circuits Module directly or indirectly before disconnecting the Smart Circuits breaker.

ON T OFF
Grid
GEN
OFF ON

WARNING!
Risk of electrical shock. The switch should be operated only by qualified technicians. Installation and servicing should be performed only by qualified technicians. Do not remove this cover until the busbar is de-energized.

10060010A00X2524076O 99819464

EATON
Circuit Breaker
CSR 25k
100 A 2 Pole
120/240 V~ 60Hz 40°C
Cat. CSR2100N
Style 7803C07G96

L1 L2
Non-backup

Grid

To avoid malfunction and damage to equipment, completely shield all aGate interior electrical boards and components before you drill or punch holes, to avoid debris falling into the components. Clean equipment and remove all debris before installing any components or wiring in the aGate.

⚠WARNING⚠
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY AND PV SOLAR ELECTRIC SYSTEM
EMERGENCY DISCONNECT
DESCONEXIÓN DE EMERGENCIA
PV AND BATTERY DISCONNECT LOCATED EXTERIOR SOUTH WALL OF HOME
FRANKLIN
⚠WARNING⚠
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY AND PV SOLAR ELECTRIC SYSTEM
⚠WARNING
THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES, EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE, SHALL NOT EXCEED AMPACITY OF BUSBAR.
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
SOLAR ELECTRIC PV PANELS
SERVICE DISCONNECT LOCATED EXTERIOR SOUTH WALL OF HOME
DANGER / PELIGRO
BATTERY DISCONNECT
ENPHASE
⚠WARNING
THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES, EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE, SHALL NOT EXCEED AMPACITY OF BUSBAR.
⚠WARNING
PHOTOVOLTAIC SYSTEM COMBINER PANEL
DO NOT ADD LOADS
SERVICE DISCONNECT LOCATED EXTERIOR SOUTH WALL OF HOME
DANGER / PELIGRO
PV SYSTEM DISCONNECT
RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM
PHOTOVOLTAIC SYSTEM AC DISCONNECT
OPERATING VOLTAGE 240 VOLTS
OPERATING CURRENT 39.15 AMPS

840-00388-17
250VAC 20A
-40°C 25Z5
Do not disconnect under load

1

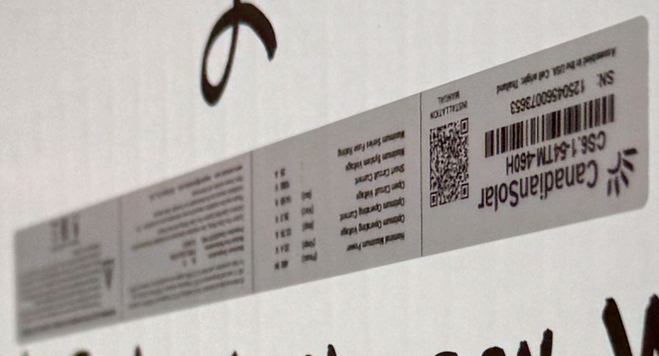
107 Winterberry Wy

Fuquay-Varina Nc, 27526

3

107 Winterberry
Fairway - Warm White
NC/27526

2



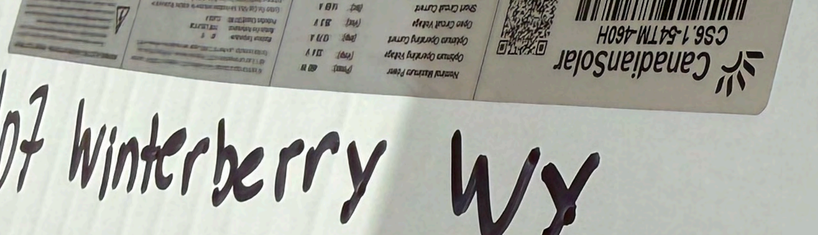
107 Winterberry Wy

Fuquay-Varina NC, 27526

E480557 92424 PV WIRE 12AWG 90°C WET OR DRY 1000V OR 2000V SUN RES -40°C (UL)
HALOGEN FREE LOW SMOKE

840-00386-17
250VAC 20A
NIKE

5



107 Winterberry Wy
Fuquay-Varina Nc, 27526

CanadianSolar
CS6.1-54TM-460H
SN: 12504592073806
INSTALLATION MANUAL

Nominal Maximum Power (Pmax) 460 W
Optimum Operating Voltage (Vmp) 33.1 V
Optimum Operating Current (Imp) 13.91 A
Open Circuit Voltage (Voc) 39.3 V
Short Circuit Current (Isc) 14.49 A
Maximum System Voltage 1000 V
Maximum Series Fuse Rating 20 A

07 Winter-berry Wy
Fuquay-Varina Nc, 27526

4

840-0038-17
250VAC 20A
-40°C +79°C
Do not disconnect
under load

CanadianSolar
CS6.1-54TM-460H
SN:
125045600738 18
INSTALLATION MANUAL
Nominal Maximum Power
Optimum Operating Voltage
Optimum Operating Current
Open Circuit Voltage
Short Circuit Current
Maximum System Voltage
Maximum Series Fuse Rating
02 Winter Delivery
Fuyao- Wuxina

840-00388-17
250VAC 20A
+79°C 2525
Do not disconnect under load

6

lot Winterberry WY

Freeway-Varina NC 1 2526

CanadianSolar
CS6K-MS-BSH
SN
Winter Berry WY
Tuguay - Ualtim Mc / 3753eb

CanadianSolar
CS6.1-67M-460H
Powered by Winter Derry MX
107 Winter Derry Way
Powered by Winter Derry MX
107 Winter Derry Way

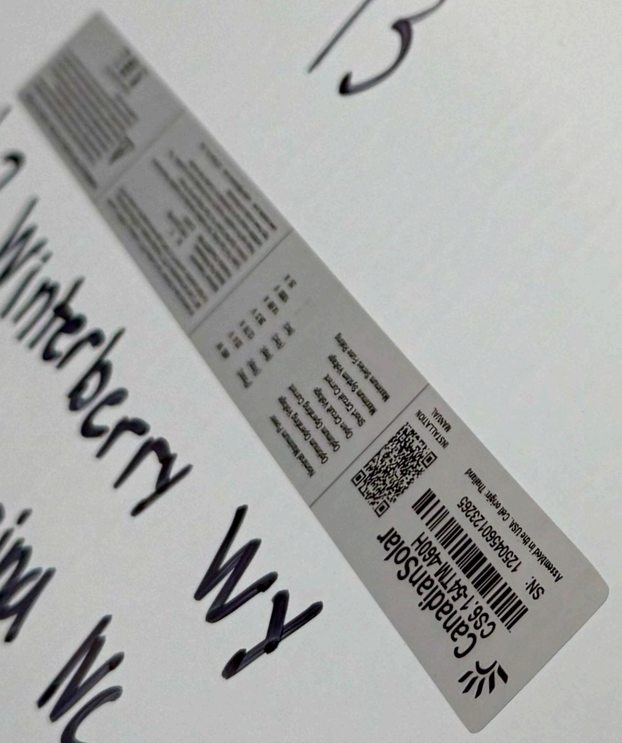
CanadianSolar

CanadianSolar
CS6R-MS
SN: 12504598070481

13

154 Winterberry Way

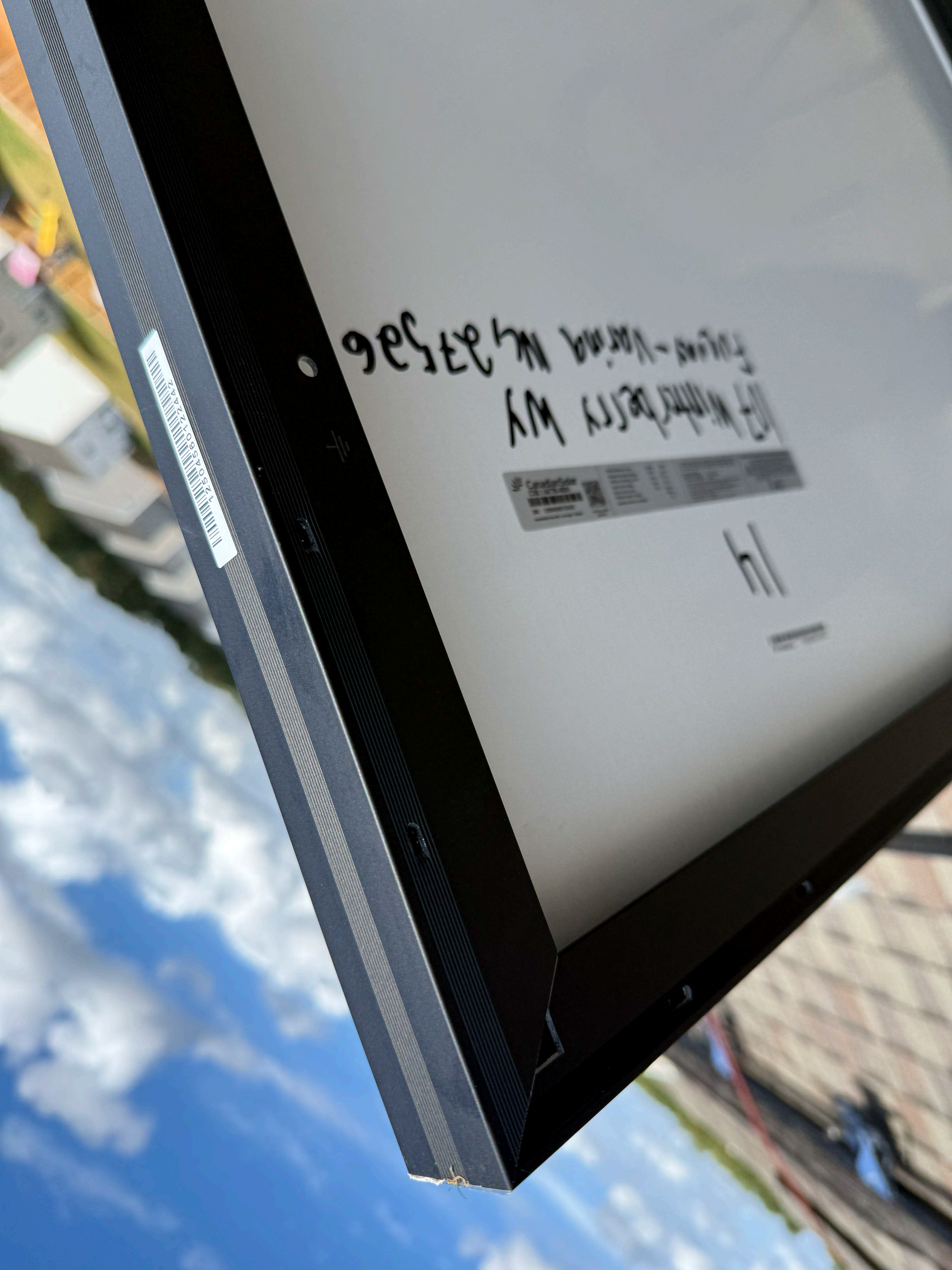
Fuquay-Varina, NC 27526



12

107 Winterberry Wy

Fuquay-Varina NC, 27526



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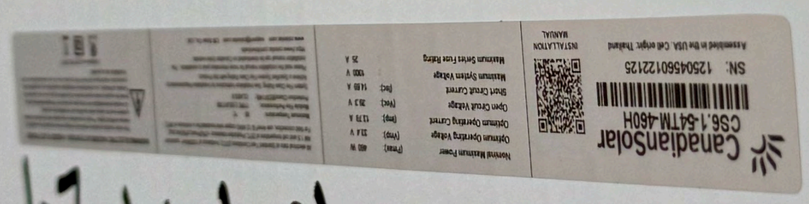


107 Winterberry Wy
Fuquay-Varina NC, 27526

16

107 Winterberry Wy
Fuquay-Varina NC, 27526

M18 REDLITHIUM XC4.0

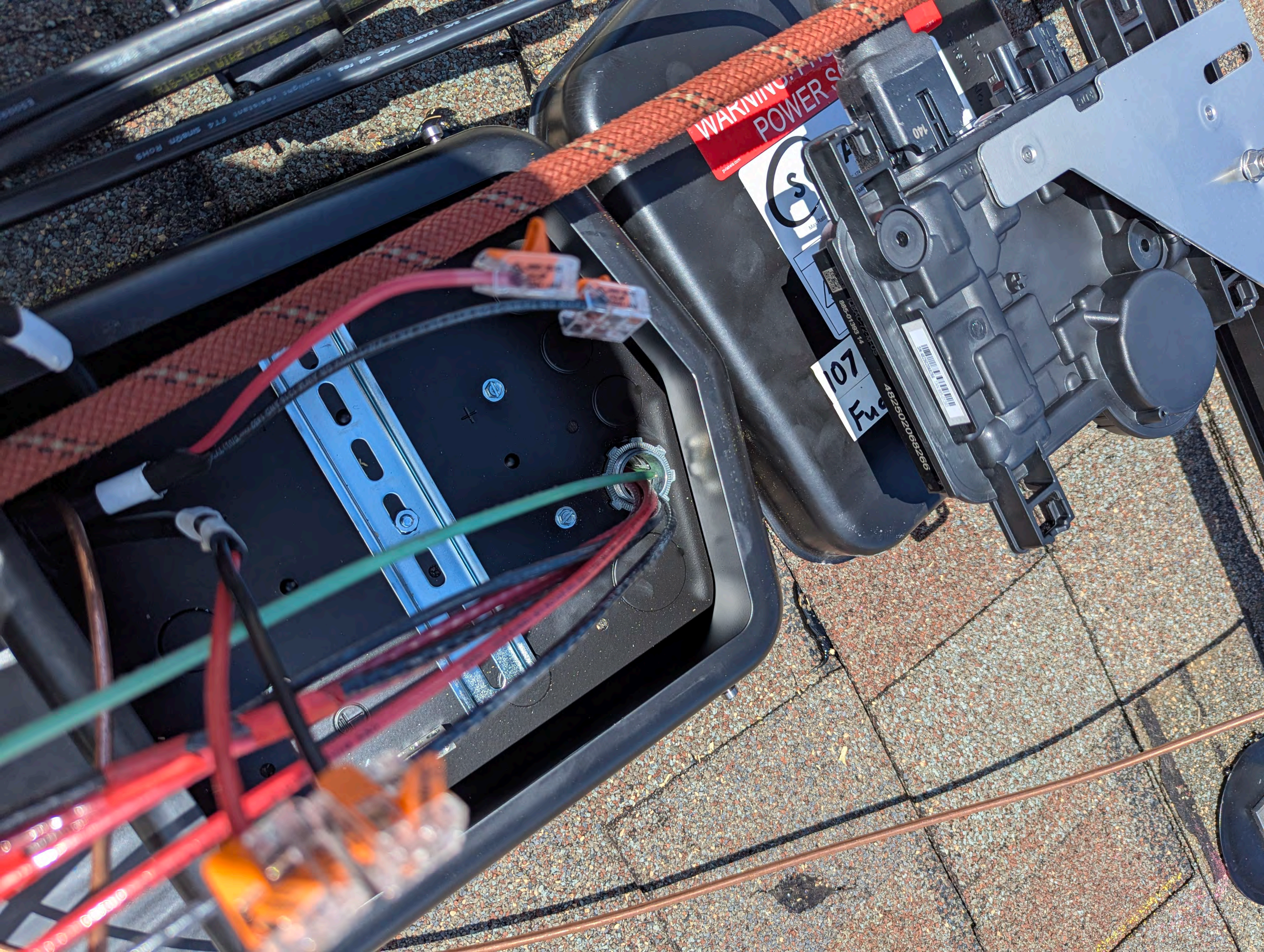
Model 0999 – 5

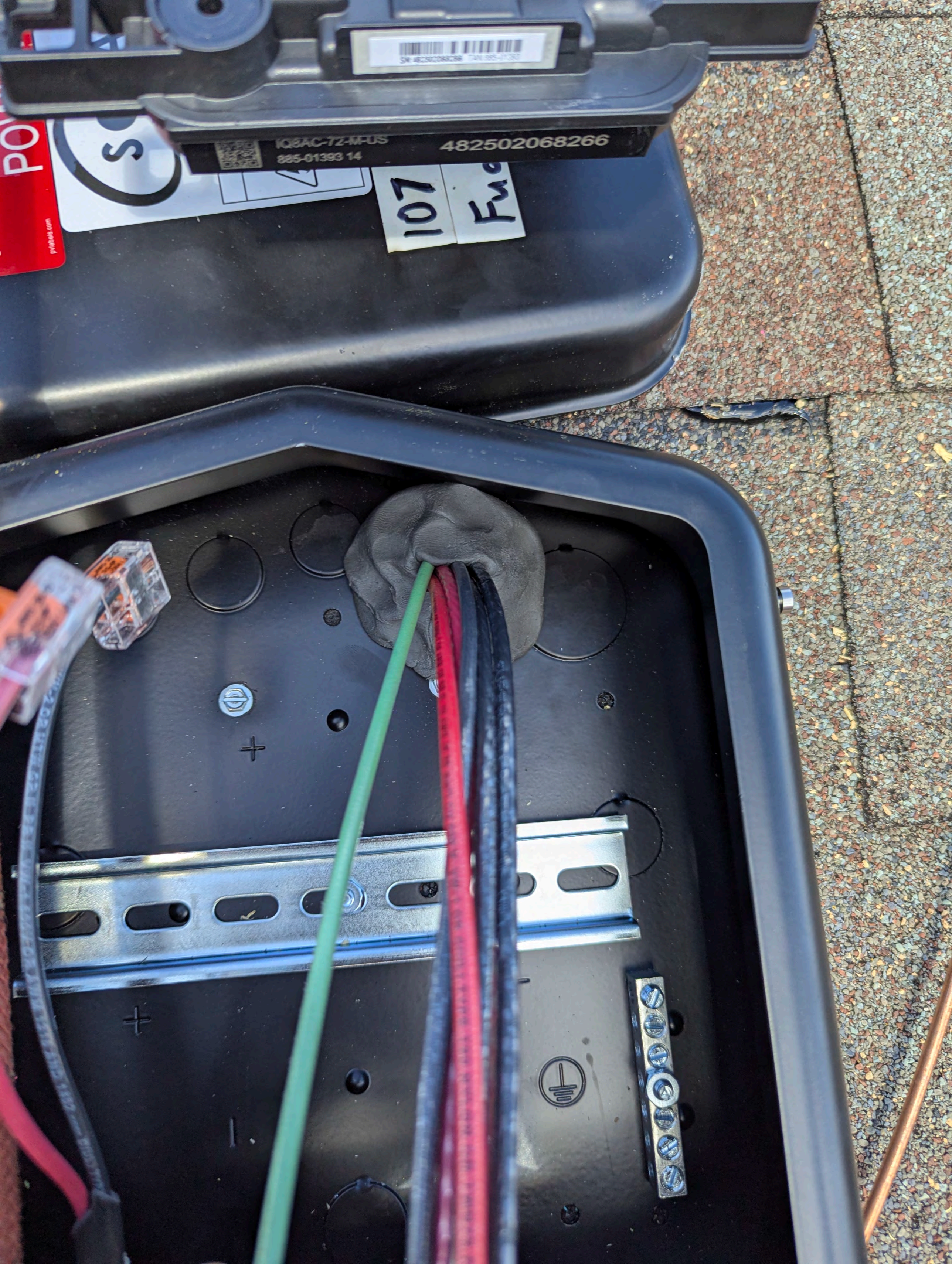
Model 0999 – 2

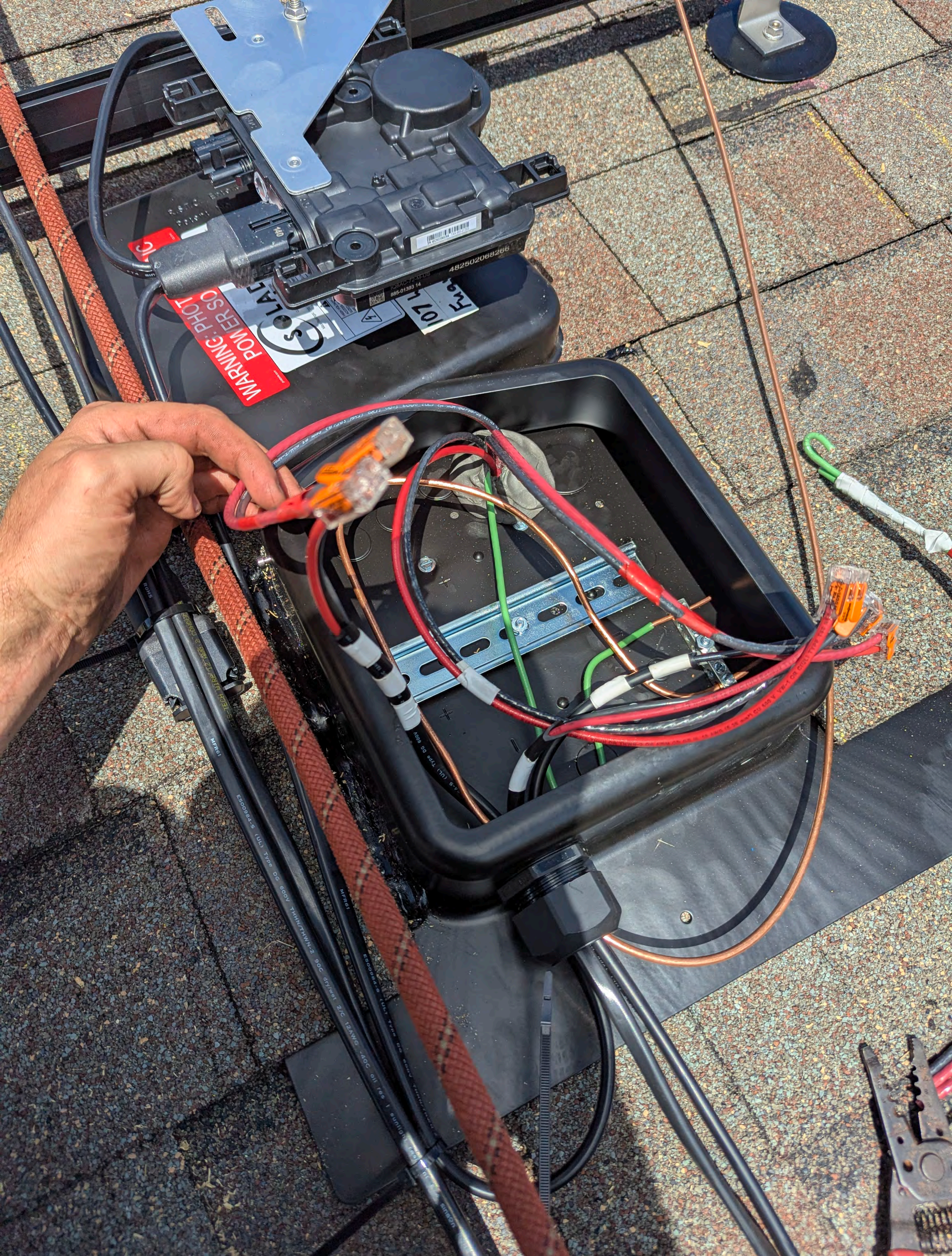
Model 0799 - D

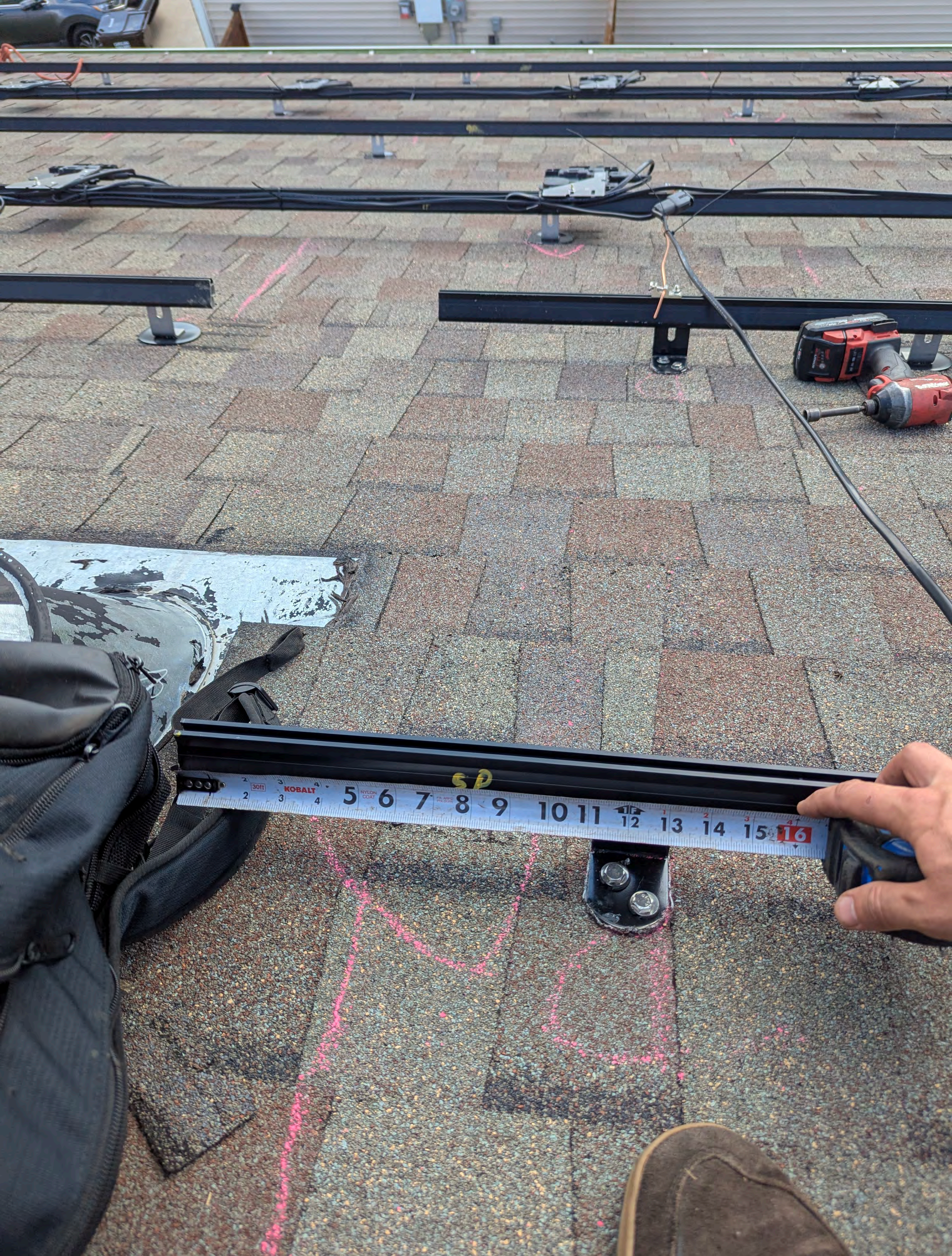
Model 0799 - 5

IQ8AC-72-M-US
885-01393 14
482501002914


WARNING
POWER
107
Fu

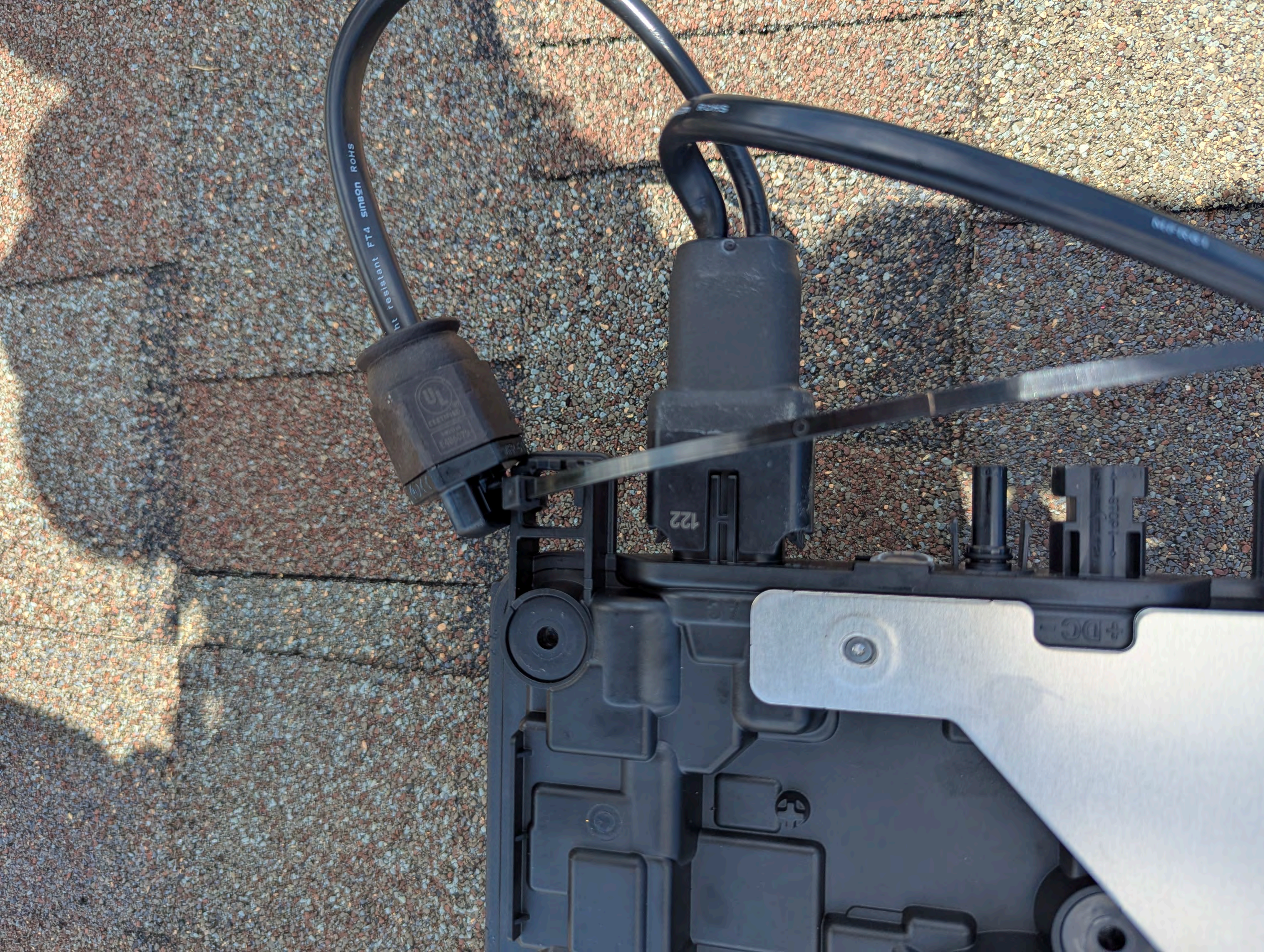

IQ8AC-72-M-US
885-01393 14
482502068266
107


WARNING: PHOT
POWER SO
SOLAREDGE
107
FM
482502068266
885-01393 14
MFR61
ES00984-S (UL) Type DG 600V THHN/THWN-2 90C dry/wet 2/C 12AWG 40C oil res I sunlight resistant
ROHS


KOBALT
NYLON COAT
30ft
SD

600V THHN/THWN-2 90C dry/wet 2/C 12AWG -40C oil res I sunlight resistant FT4 sinBon RoHS
MFRG1

840-00388-17
250VAC 20A
+79°C 2525
MFR01


ht resistant FT4 simson ROHS
122

AC
132

Quickscrews Intl Corp
17659
Filed# 5483749

KOBALT
5 6 7 8 9 10 11 12 13 14 15 16

KOBALT