







810 Wino Rd
Dunn NC 28334



















810 Wiso Rd
Dunsm NC 28334





850 Watt Box
Duron No. 21054



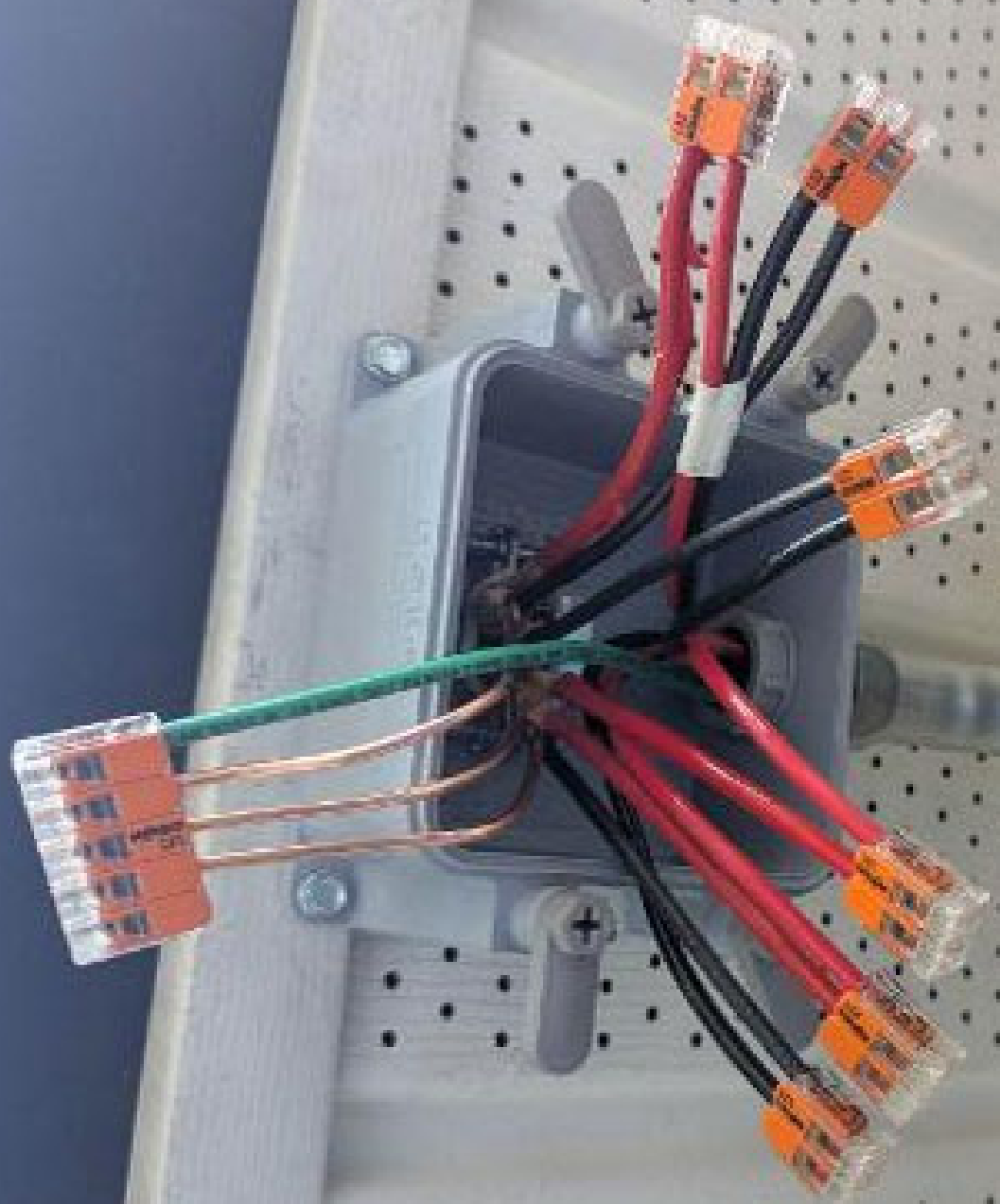




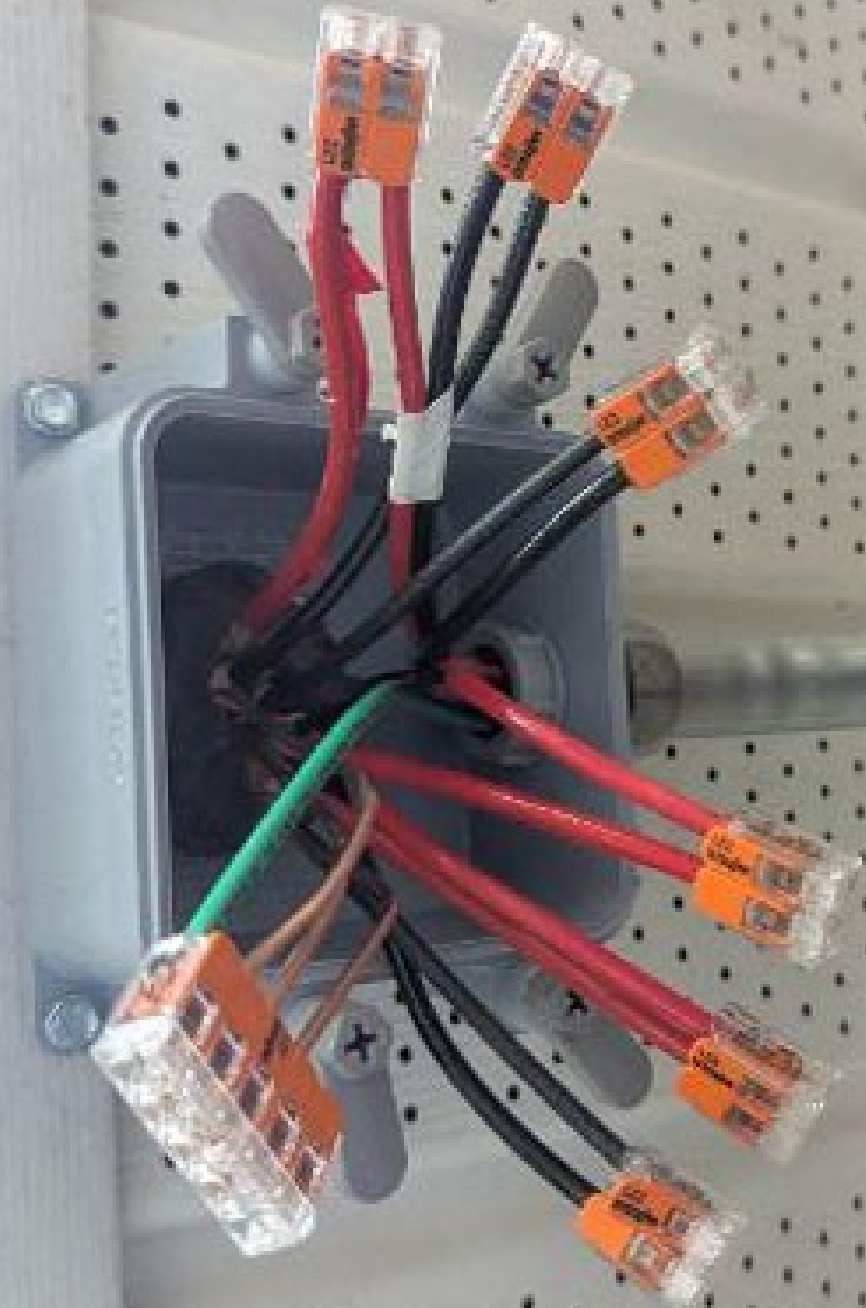








1010 W. 1st St.
Dunn NC 28334





810 Wise Rd
Durham NC 26334

WIRE
20

WIRE
20

WIRE
20

WIRE
20







Designated Competent Person – Fill out this portion of the form

"In Case of Emergency, call 911 immediately and proceed to the nearest emergency room"

For non-emergency injuries, please report the injury to your manager, follow the Injury Standard Operating Procedures – Notify managers

Nearest Urgent Care (circle one)	Beth Johnson Hospital 900 Tilghman Dr Dan NC 28594
Nearest Emergency Room:	
Safety Contact:	
Additional Notes:	

Workers

Compensation Provider: Berkshire Hathaway Homestate Companies

Berkshire Hathaway Address: PO Box 881716, San Francisco CA 94188

Berkshire Hathaway Fax Number: (800) 641-6084

Berkshire Hathaway Policy Number: BLWC226019 (OR, FL) - BLWC225838 (all other states)

Blue Raven Fax Number: (385)-498-408

Report Injury











INSTAFLASH²

- Rafter or Deck Attach
- Factory Installed Non-Hardening Sealant
- Seals on Dry or Wet Roofs, 0° F to 170° F
- Instantly Waterproof. No Cure Time.
- Includes Pegasus Dovetail T-bolt

P#: PIF2-MDT

See ps-ir.com for Intellectual Property Details

QTY
24

Mill

14 lbs.



PEGASUS | Designed in USA. Made in China.



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QTY
24

Mill

14 lbs.















840-00388-17
250VAC 20A
+79°C 2430







Customer Name

Patrizio Moss

Installation Date:

6/11/25

Address

810 W 14th Rd Dunn
North Carolina 28534

Designated Competent Person:

Lee



Version: 0.1

Activity	Hazards	Steps to Mitigate	Confirm
Climbing Ladders	Fall Hazards	☐ Ladder standoff/outriggers installed ☐ Secured with ladder strap ☐ Inspected for damage ☐ Set up at a 3:1 Ratio	Initial Y3
Working over 6'	Falls from roofs Falls from attics	☐ Harness/Rope/Anchor/SRLs inspected ☐ Anchor points installed correctly ☐ 100% tie off over 6' ☐ Fall restraint in use ☐ Fall arrest in use ☐ Potential swing falls identified	Initial Y3
Work in high (85°-99°) to extreme (100°+) heat	Heat stress/heat exhaustion/heat stroke Sunburn	☒ Awareness - buddy system/ breaks when necessary ☒ Hydration (water available) ☒ Electrolytes	Initial Y3
Working within the RA2	Struck by hazard (falling objects)	☒ Everyone within RA2 wearing hardhats ☐ All four sides of RA2 enclosed	Initial Y3
Electrical work	Electrical shock/Electrocution Arc Flash	☒ Arc flash PPE: CAT1 shirt, pants, safety glasses, face shield, boots, earplugs, electrically insulated gloves within 18" of exposed live components, CAT1 arc flash gloves within 7' of electrical panel	Initial Y3
Other/general hazards	Struck by flying objects (nails) Cut hazards Ergonomic hazards (sprains)	☒ Safety glasses worn at all times ☒ Cut & gloves worn at all times ☒ Proper lifting techniques/ team lifting	Initial Y3
Other Tasks	Other hazards	☐ Steps to mitigate (specify)	Initial

Crew Members		Date
Name	Rafaela crew 1	6/11/25 6/11/25 6/11/25
Crew Lead	Lee Bautista	
Patrizio Moss		
Signature		
[Signature]		
[Signature]		
[Signature]		





Quality Protection



STRENGTH

1

10

10

10

Conclusions

10

—

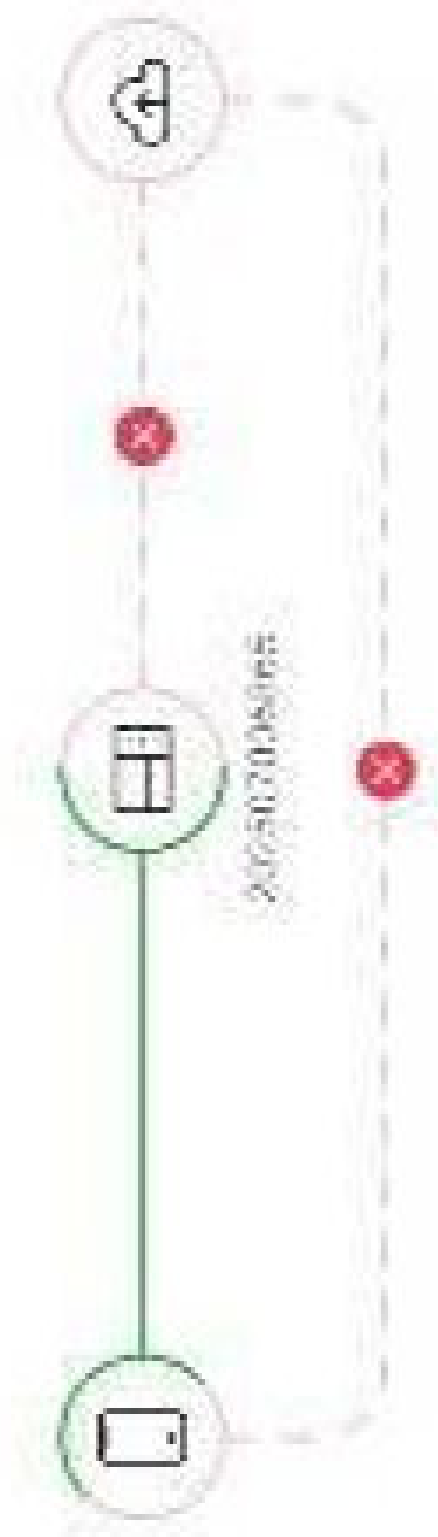
580



1-800-368-2746

PowerPoint 3.0m (Aussol)

Powerline Scan (Autol)



IQ Gateway connection to the Erphras Cloud:



IQ connects from IQ Gateway:



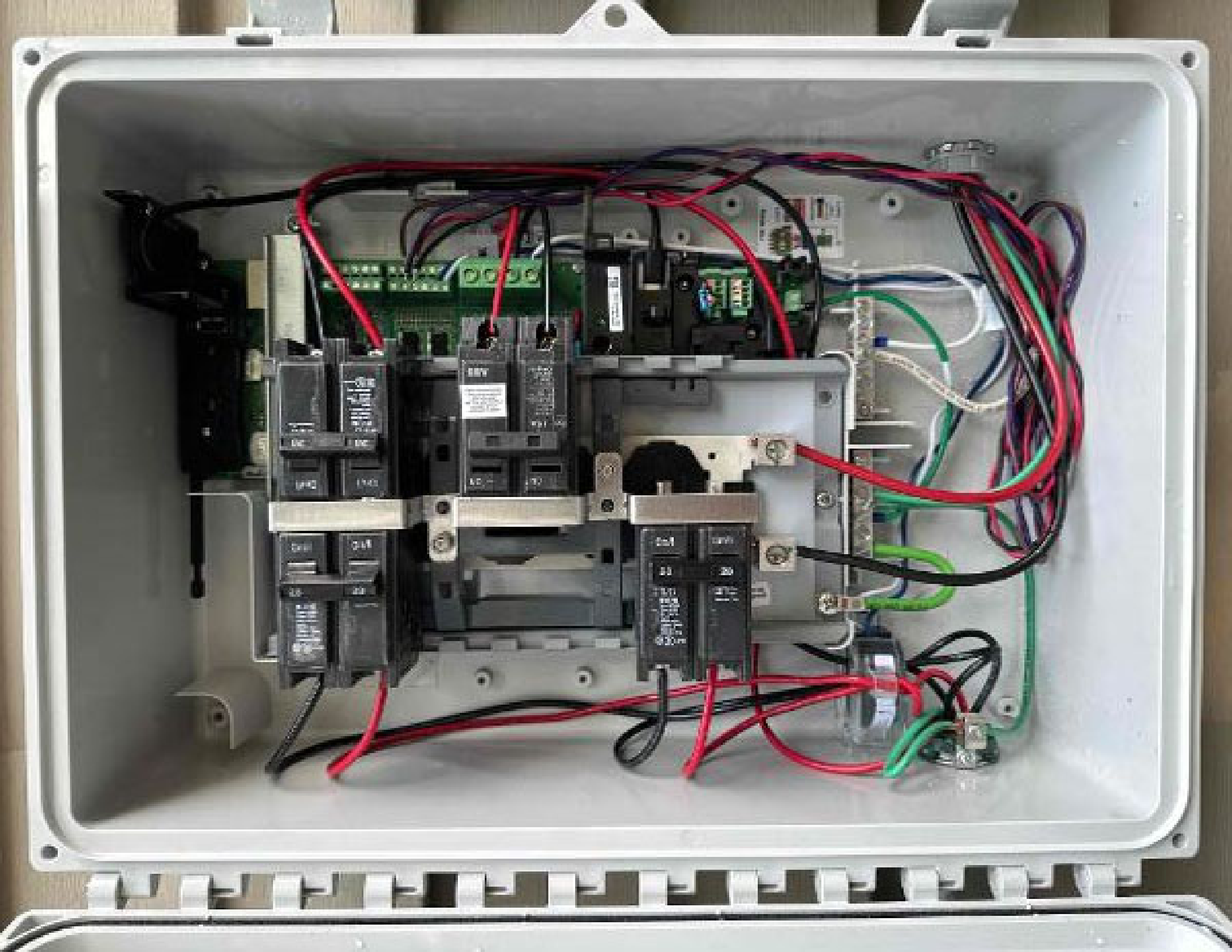














ENPHASE.

IQ Combiner 5

Photovoltaic
Combiner Box

X-IQ-AM1-240-5-HDK

Designed in California and India. Made in Mexico.



IQ GATEWAY CONTAINS
FCC ID: W53-W53780BNO
IC ID: 10453-A-W53780BNO
CTRL BOARD CONTAINS
FCC ID: 2AC72-13PC-3494E
IC ID: 23098-13PC-3494E

Electrical ratings

Voltage 120/240V~, 60Hz
120/208V~, 60Hz

DG Breakers 80A MAX (combined)

DG Inputs 64A MAX (combined)

Output 65A MAX, 90A MAX
feeder OCPD

Temperature 46°C MAX ambient



NOM



Scan for QIG



202507006885

P/N:



S/N: 202507006865



883-02027 01 2308

Dedicated solar and DG Combiner Box - do not add loads
10 AMP or 15 AMP IQ Gateway Breaker not used for backfeed

Connection	Wire sizes	Torque
DG Breaker (1, 2, 3, 4)	14-10 AWG	2.2 Nm (20 lb-in)
	8 AWG	2.8 Nm (25 lb-in)
	6-4 AWG	3.0 Nm (27 lb-in)
60A Circuit Breaker only	4-1/0 AWG	5.0 Nm (45 lb-in)
IQ Gateway Breaker (5) IQ Gateway Power Terminals	14-10 AWG	2.26 Nm (20 lb-in)
	14-10 AWG	1.4 Nm (12.4 lb-in)
Neutral and ground	Large screw	5.5 Nm (50 lb-in)
	Small screw	5.1 Nm (45 lb-in)
	6 AWG	3.6 Nm (32 lb-in)
Main lug	8 AWG	2.6 Nm (23 lb-in)
	10-14 AWG	2.3 Nm (20 lb-in)
	10-4 AWG	5.0 Nm (45 lb-in)
CTRL Connectors	3-2/0 AWG	5.5 Nm (50 lb-in)
	18 AWG CTRL Cables (C1,C2) Drain Cables (C3)	0.2 Nm (1.77 lb-in) 0.2 Nm (1.77 lb-in)

Copper conductors only, rated min. 75°C.

Follow NFPA 70 (NEC), or CSA C22.1 part 1, and all local codes.

For DG Breakers larger than 20A, use wire insulated for 90°C
based on 75°C ampacities.

NOTE: CTs for generator must
be connected in parallel to the
metering CTs and connected
metering ports on the IQ Gateway

Non terminating node : CTRL (CONTROL) Wiring

When IQ System Controller 3/20 and/or IQ Battery 5P are on both sides of IQ Combiner and both CTRL terminals are used.

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CTRL Board

3

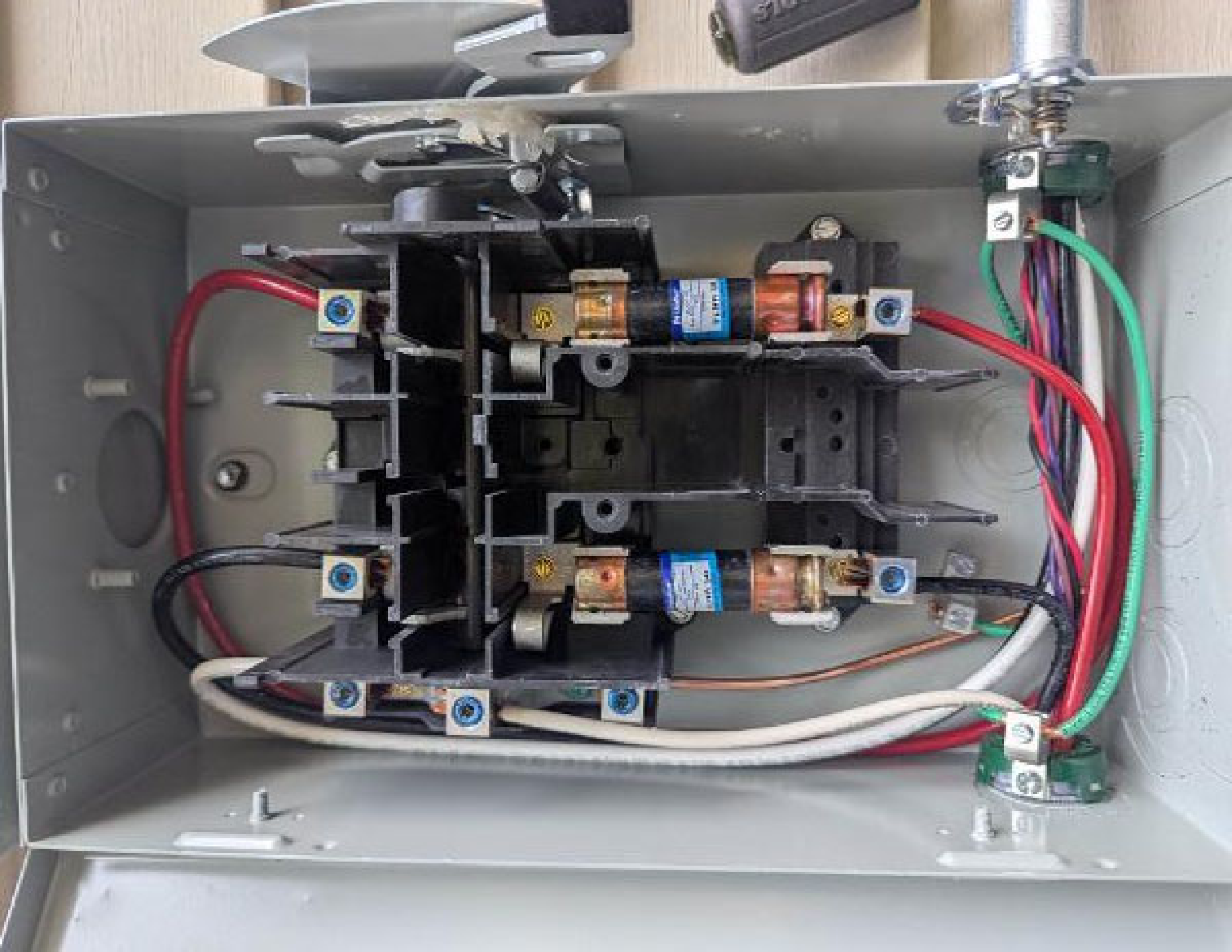
Term

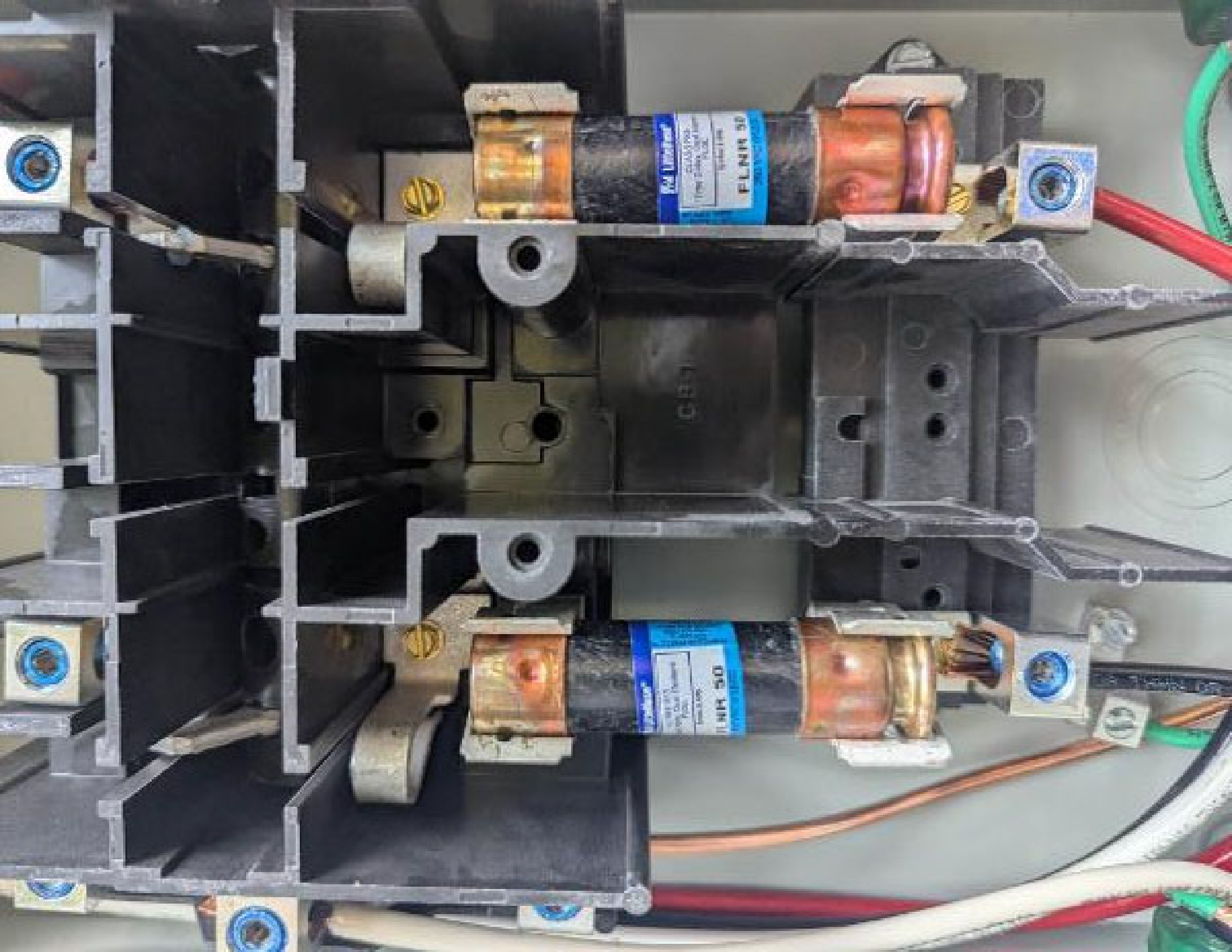
When IQ System Controller 3/20 and/or IQ Battery 5P are on both sides of IQ Combiner and only one CT is used.

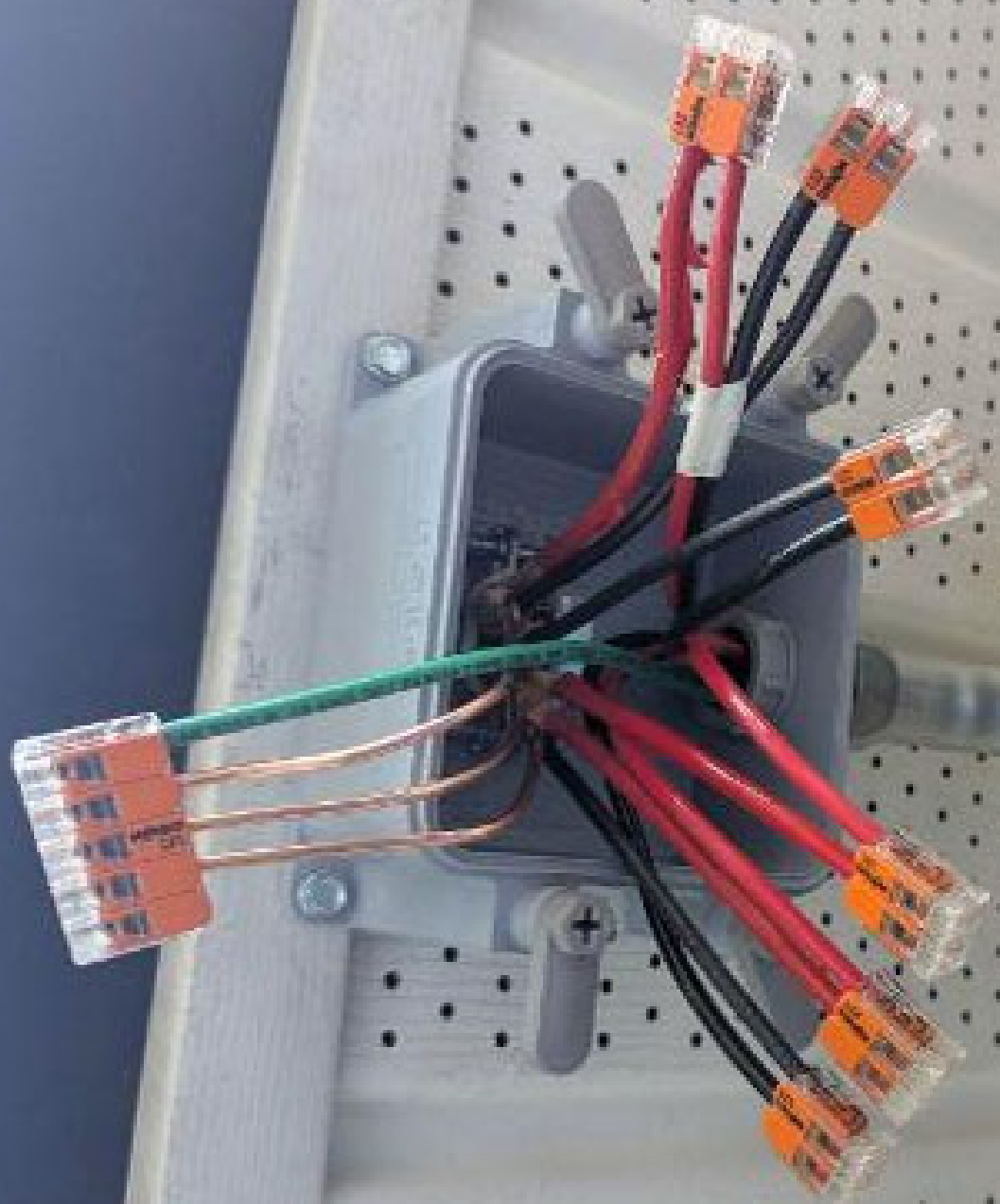
GRID-FORM

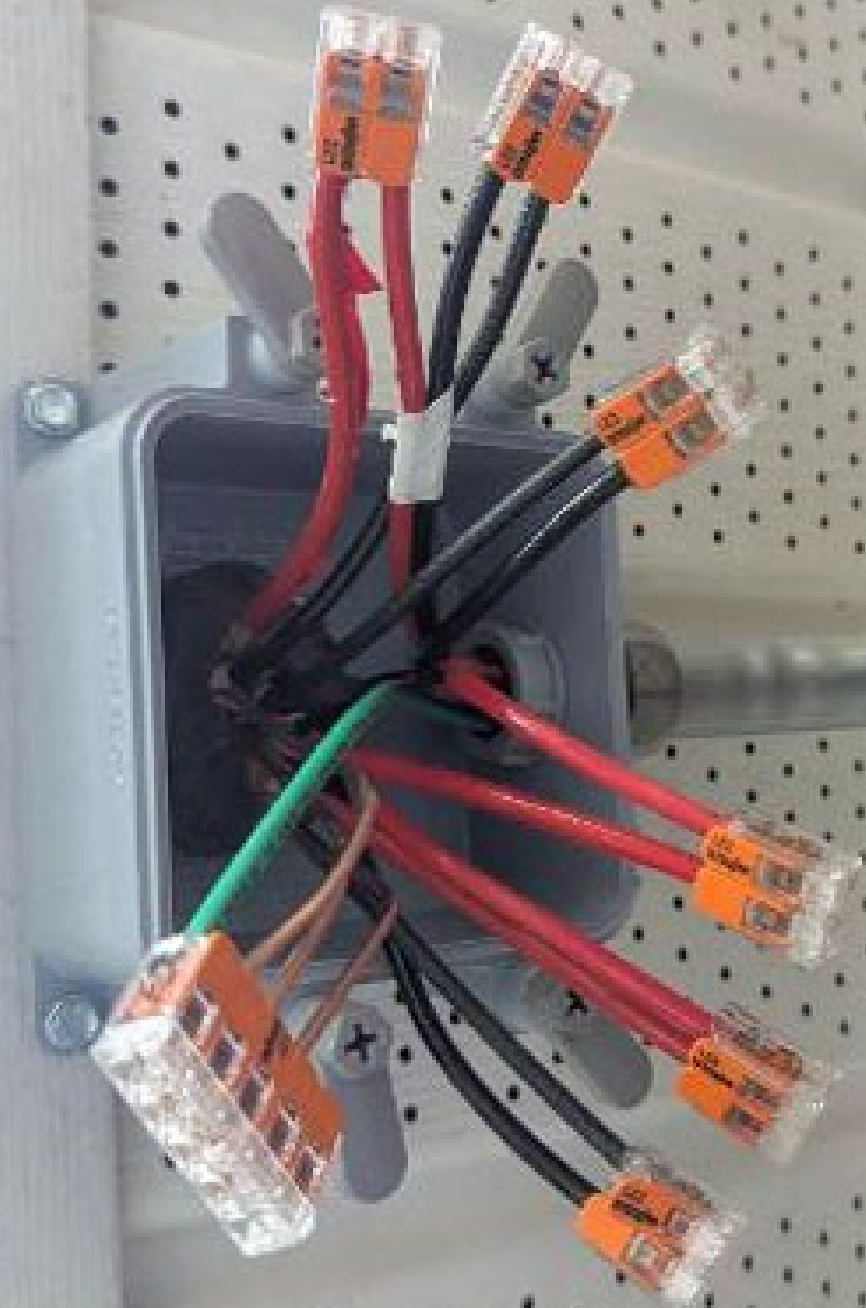
















PHOTOVOLT AIC SYSTEM
AC COMBINER PANEL

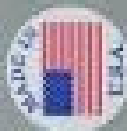


WARNING

**AUTHORIZED
PERSONNEL ONLY**

DO NOT ADD LOADS

NO DC WIRES PRESENT
RAPID SHUTDOWN
TEST NOT REQUIRED

[illegible]

PHOTOVOLTAIC SYSTEM
⚠ AC DISCONNECT ⚠

RATED AC OUTPUT CURRENT	36.3 A
NOMINAL OPERATING AC VOLTAGE	240 V

! 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**



WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID AND
PV SOLAR ELECTRIC SYSTEM

NOTICE

IN CASE OF EMERGENCY,
PLEASE CONTACT

BLUE RAVEN SOLAR
(800) 577-4400

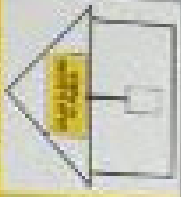


⚠ CAUTION

MULTIPLE SOURCES OF POWER
POWER TO THIS EQUIPMENT IS AVAILABLE
FROM A CLOSER BY THE
ELECTRICIAN. PV EQUIPMENT IS
LOCATED WITHIN 10 FT. AND THE
100 FT. FROM THE EQUIPMENT

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

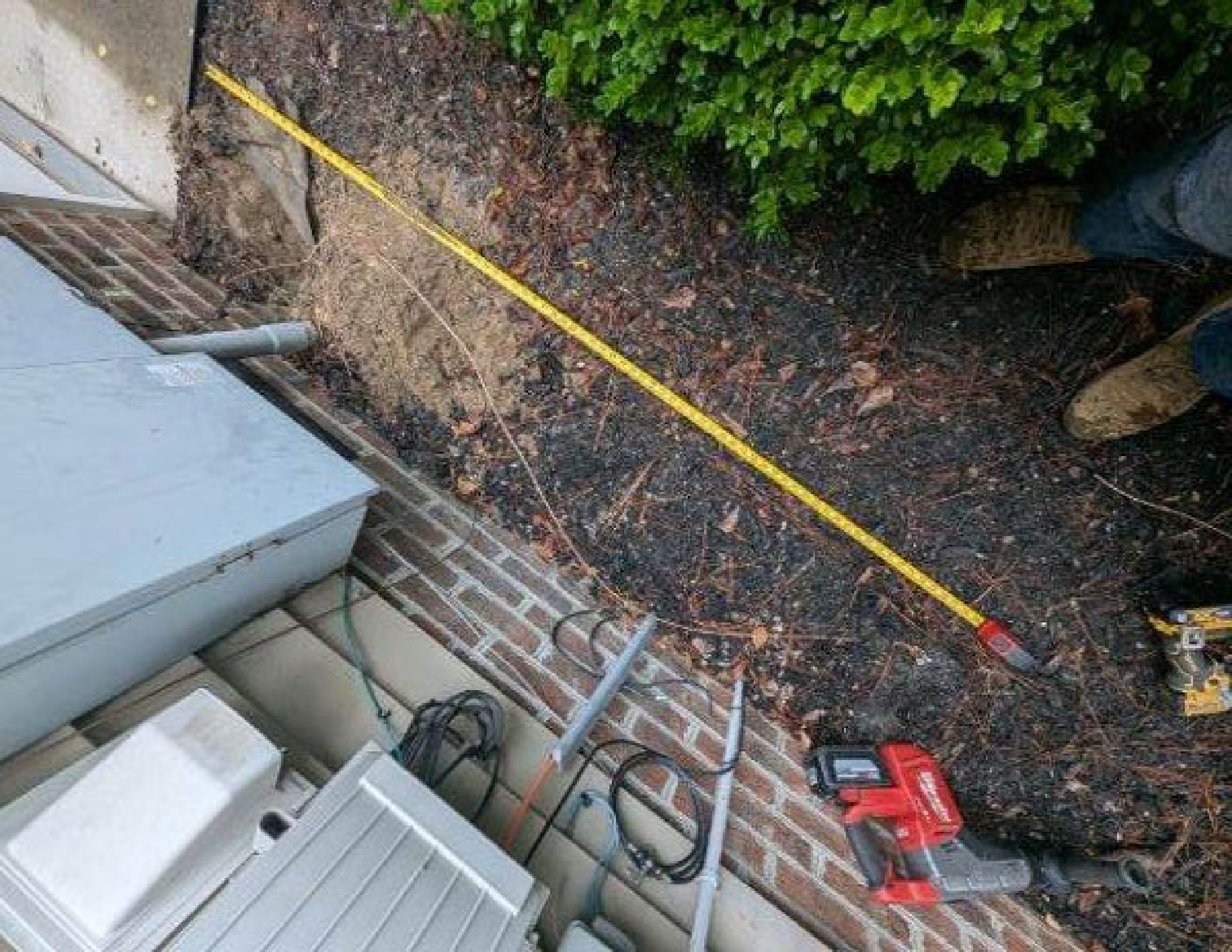
TURN RACS SHUTDOWN
SWITCH TO THE
"OFF" POSITION TO
SHUT DOWN PV SYSTEM
AND REDUCE
SHOCK HAZARD
IN THE EVENT





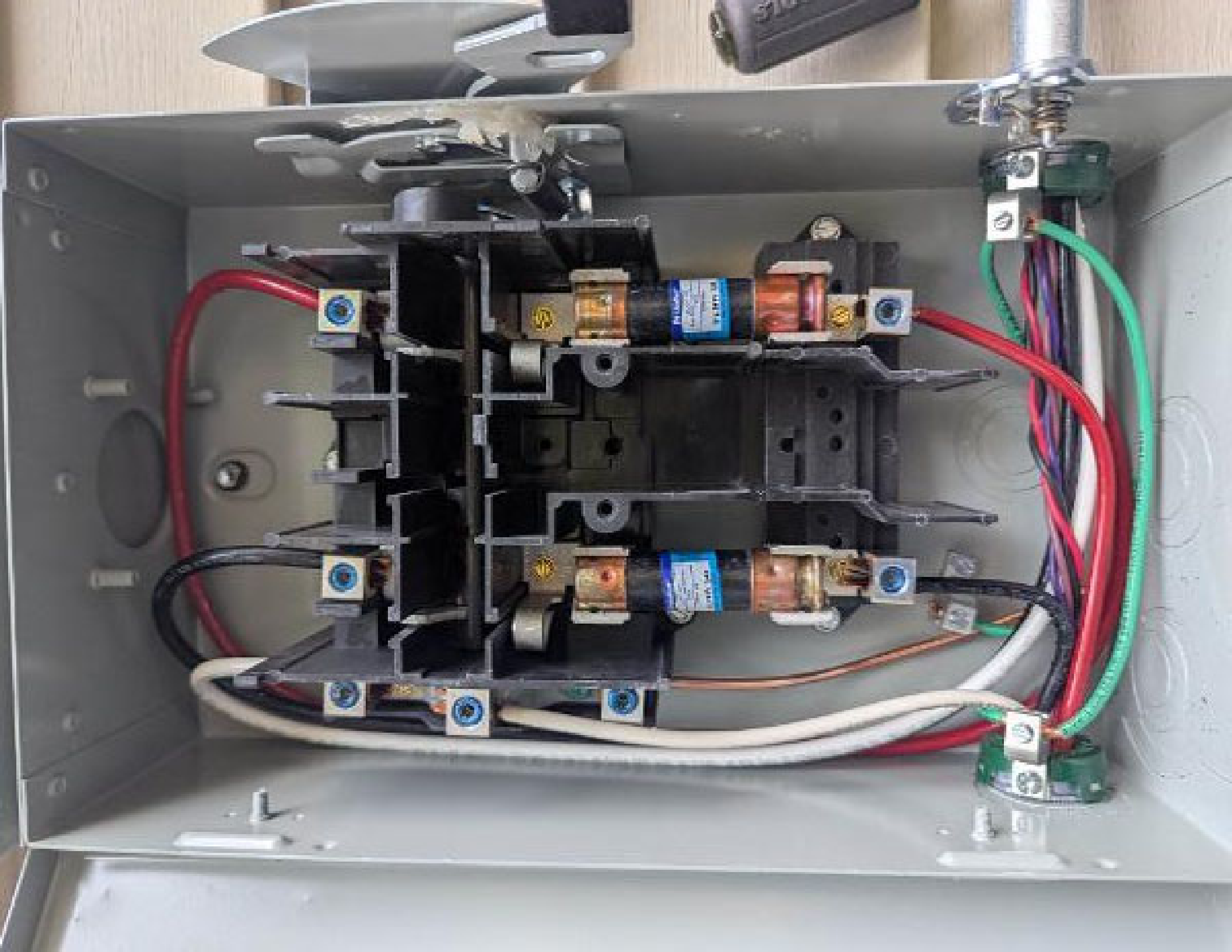


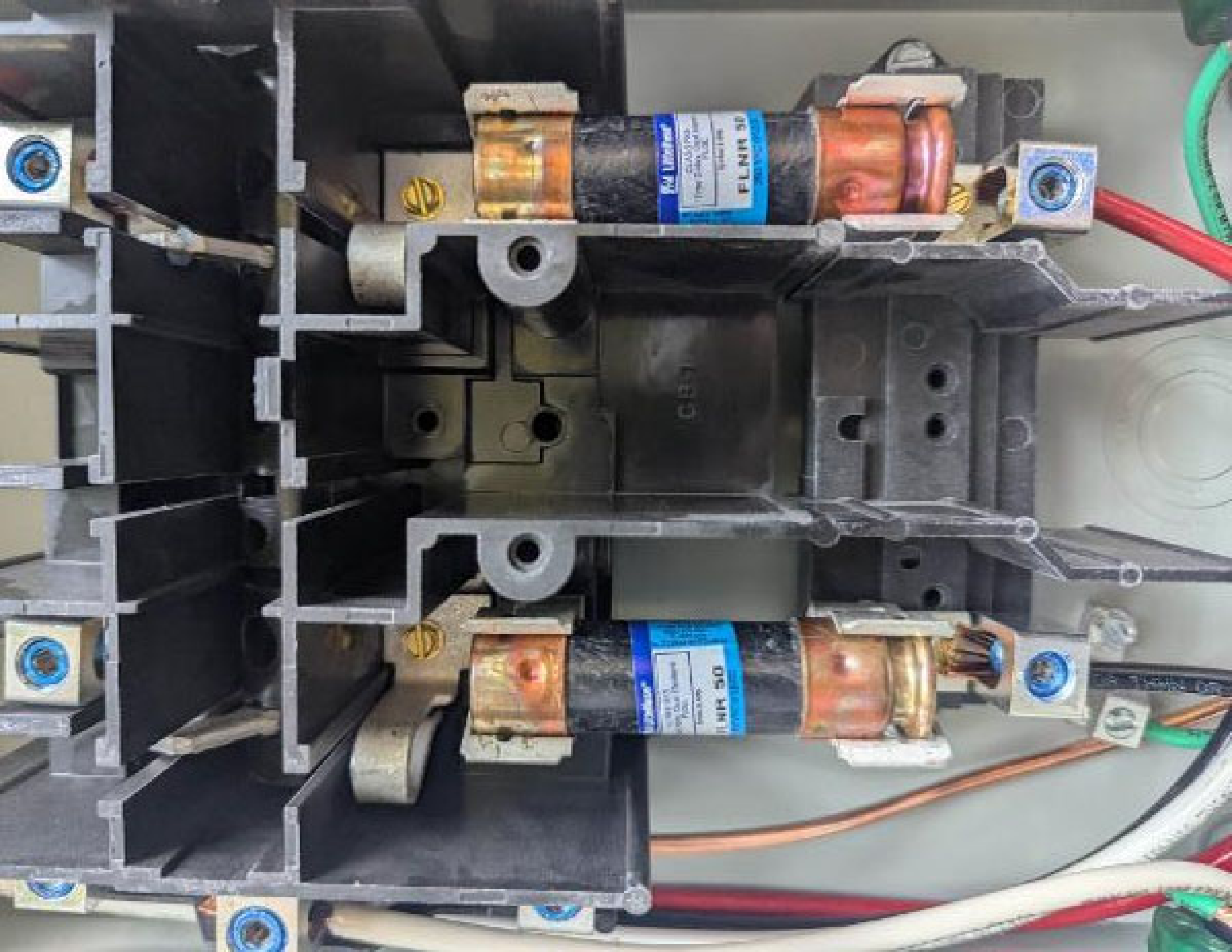






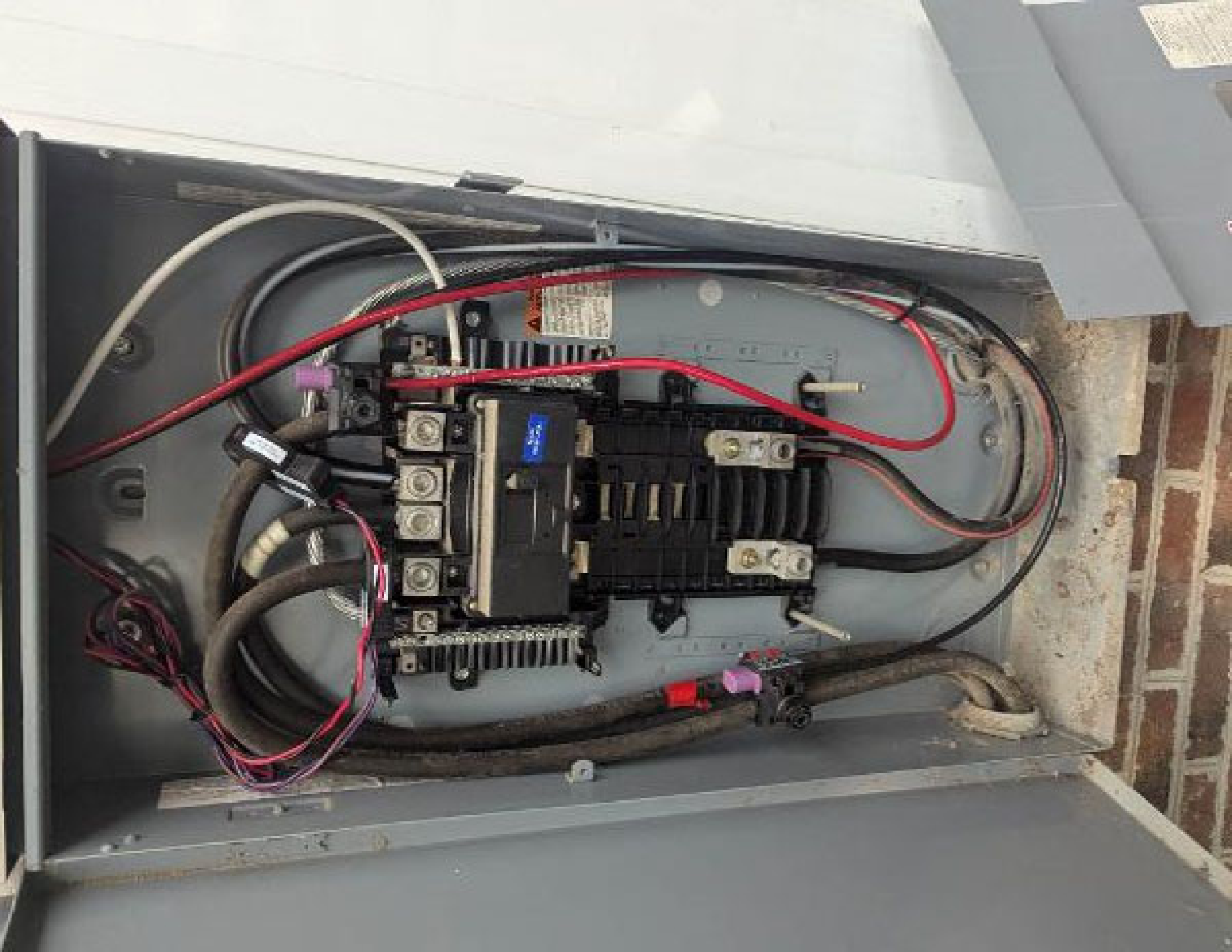




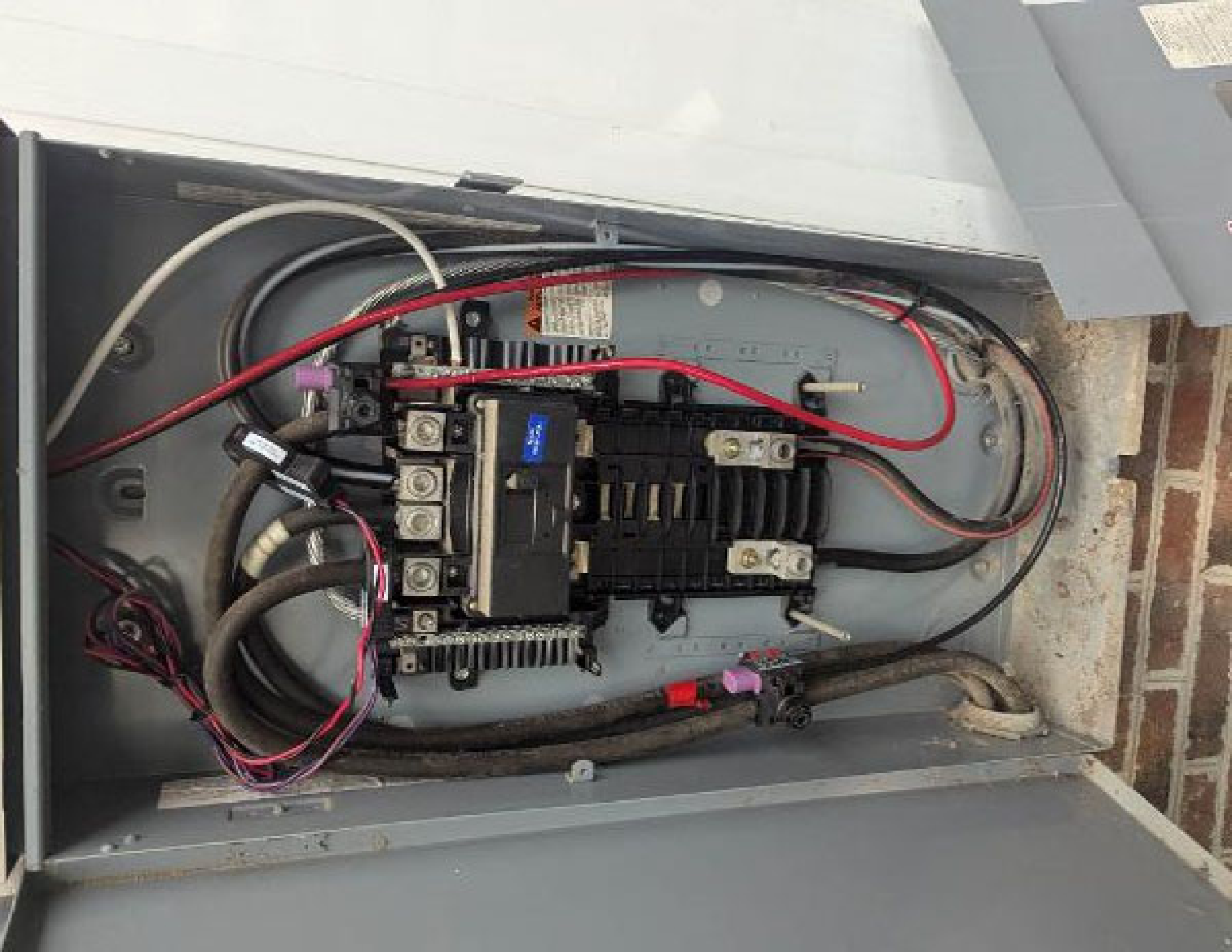


6X4 50
1000V 500mA
1000V 500mA
1000V 500mA
1000V 500mA

6X4 50
1000V 500mA
1000V 500mA
1000V 500mA
1000V 500mA































REC

REC Alpha Pure-RX Series
REC460AA Pure-RX
Serial Number: **FBB-7006464084**



Power Output (Pmax)

460 W

Watt Class Sorting

0/+10 W

Power Production Tolerance

+/- 3 %

Rated Voltage (Vmppt)

54.9 V

Rated Current (Impp)

8.38 A

Open Circuit Voltage (Voc) (+/- 3%)

65.8 V

Short Circuit Current (Isc) (+/- 3%)

8.88 A

Maximum System Voltage (Vsys)

1000 V

Maximum Series Fuse (DC)

25 A

Maximum Design Load

+4666 / -2666 Pa*

Module Tiedown

70°C

Connector

Smauch PV-K574K B14

(Values at STC: 1000 W/m² AM 1.5, cell temp 25°C)



- IEC 61215:2021
- IEC 61730:2021



Data obtained pursuant to IEC 61730 standard installation requirements and as installation requirements to achieve a specified system life class

Manufactured: 20.03.2025



Warning electrical hazard: This module produces electricity when exposed to light
CAUTION: DO NOT DISCONNECT UNDER LOAD

Avertissement: Risque de choc électrique: Ce module génère de l'électricité lorsqu'il est exposé à la lumière

ATTENTION: NE PAS DECONNECTER SOUS TENSION

For field connections, use min. 4mm²(12 AWG) UL 194 wires insulated for a min. of 90°C

Made in Singapore by REC SOLAR PTE. LTD. Tel: +65 6985 3028

20 TUAH SOUTH AVENUE 14, SINGAPORE 630712, SINGAPORE

EU/Power Contact: REC Solar EMEA GmbH

Raismar, 71a, 81441 Munich, Germany, Tel: +49 (0)89 412-36590

For other regions see: www.recgroup.com/contact





FBF-7006464087

REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V



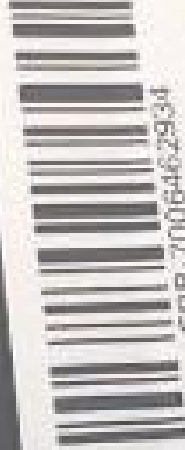
FBF-7006463135

REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V



FBF-7006462934

REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V



FBF-7006464009

REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V



FBF-7006464029

REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V



REC460AA Pure-RX

P_{max}: 460 W

I_{mp}: 8.38 A

V_{mp}: 54.9 V









Micro-Inverter
ENP 542514000635



Model:



IQ8X-80-M-US

P/N:

881-02224



Qty: 18



18

542513104204	542513104205
542513104143	542513104177
542513103414	542513104148
542513104157	542513104190
542513103407	542513102404
542513103416	542513104141
542513103411	542513104153
542513103412	542513104179
542513104151	542513104203











































