













DC Output: 440W/5-60V/15A  
DC Input: 8-60V/14.5A  
Open Circuit Voltage: 1V  
NA03 SM2623-01802C7B9-9A  
Mexico S440-1GM4MRM





Do Not  
Remove



Intertek  
4004590

1802C7B9-9A



SolarEdge Technologies Ltd.  
SolarEdge Technologies GmbH/  
Werner-Eckert-Straße 6/81829 Munich/Germany

FC

SolarEdge Technologies GmbH/  
Werner-Eckert-Straße 6/81829  
Munich/Germany

CAUTION

DO NOT TOUCH THE DC CONDUCTORS OF THIS PHOTOVOLTAIC  
MODULE WHEN THE MODULE PV IS  
CONNECTED TO THE DC ARRAY BY CONVERTER.  
A DC VOLTAGE TO  
PV MODULE WITH  
BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER.  
ZERO CURRENT IS SOURCED INTO DC ARRAY BY CONVERTER.

AVERTISSEMENT  
RISQUE DE CHOC ELECTRIQUE: QUAND LE CHAMP  
PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE, UNE  
TENSION CC EST FOURNIE A CET EQUIPEMENT.  
SURFACES CHAUDES: NE PAS TOUCHER, AFIN DE  
EVITER LES RISQUES DE BRULURES LE COURANT  
EST FOURNI PAR LE CONVERTISSEUR EN  
LE MODULE PV EST











E345972

(UL)

PV

Wire

12AWG

105°C

DRY













Ashley Bragg 5565 US Hwy  
421, Lillington NC 27548













PHOTOVOLTAIC POWER SOURCE



Ashley Bragg 5565 Old US hwy  
421, Lillington NC 27566





**Jinko** Solar

Building Your Trust in Solar  
Made in Vietnam

Jinko Solar Co., Ltd.  
No.1, Yingbin Road, Economic  
Development Zone, Shangrao  
City, 334100 Jiangxi, P.R. China  
www.jinkosolar.com

**JKM425N-54HL4-B**



PHOTOVOLTAIC MODULE OVER 600 VOLTS  
E384473  
JINKO SOLAR



**UK  
CA**



**CE**

Maximum Power(P<sub>max</sub>)  
Power Tolerance(IEC)  
Maximum Power Voltage(V<sub>mp</sub>)  
Maximum Power Current(I<sub>mp</sub>)  
Open Circuit Voltage(V<sub>oc</sub>)  
Short Circuit Current(I<sub>sc</sub>)  
Maximum System Voltage  
Maximum Overcurrent Protection Rating  
Power Sorting  
Protection Class  
Fire Class  
Weight  
Dimension  
STC:1000W/m<sup>2</sup>, AM1.5, 25°C

STC(front side only)

425W  
±3%  
32.37V  
13.13A  
38.95V±5%  
13.58A±5%  
1000VDC  
25A  
0~+3%  
II  
Type 1(UL61730)/Class C(IEC61730)  
21.0kg  
1722×1134×35(mm)



## WARNING

ONLY qualified personnel should install or perform work on these modules.  
**BE AWARE** of dangerous high DC voltage when.  
**DO NOT** damage or scratch the rear surface of the module.  
**SEE** module literature for appropriate mating connections.  
**DO NOT** disconnect the cables or connectors under load.

Fire Type: See installation instructions for installation to achieve a specified system fire class rating with this product.  
For field connections, use 12 AWG Cu wire only, insulation minimum of 90°C.









Do Not Remove



18088048-1B



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SolarEdge Technologies GmbH/  
Werner-Eckert-Strasse 6/81829



SolarEdge Technologies Ltd.  
Optimizer  
SolarEdge Technologies GmbH/  
Werner-Eckert-Strasse 6/81829  
Munich/Germany

**CAUTION**

SURFACES TO REDUCE THE RISK OF BURNS-DO NOT TOUCH. RISK OF ELECTRIC SHOCK WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT, IT SUPPLIES A DC VOLTAGE TO EQUIPMENT. COVER PV MODULE WITH OPAQUE MATERIAL BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER. DURING FAULT, ZERO CURRENT IS SOURCED INTO DC ARRAY BY CONVERTER.

**WARNING**

ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED.  
**AVERTISSEMENT**  
RISQUE DE CHOC ELECTRIQUE. QUAND LE CHAMP PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE, UNE TENSION CC EST FOURNIE A CET EQUIPEMENT. SURFACES CHAUDES; NE PAS TOUCHER. AFIN DE REDUIRE LES RISQUES DE BRULURES LE COURANT DE RETOUR INJECTE PAR LE CONVERTISSEUR EN CAS DE DEFAILLANCE DANS LE MODULE PV EST TOUJOURS NUL.



















































This structure was treated for the prevention of subterranean termites. A warranty has been issued to the builder. If you did not receive your copy of this warranty at closing, contact your builder or the company below for additional warranty information.

**PEST USA**  
Pest Control

Name: Team Pest USA Exterminating  
Address: 7424 ACC Boulevard, Suite 107, Raleigh, NC 27617  
Tel. No. 919-885-8860  
Date of final treatment:

PHOTOVOLTAIC  
SYSTEM kWh METER



**CAUTION**  
SOLAR ELECTRIC SYSTEM CONNECTED

**WARNING**  
DUAL POWER SUPPLY  
SOURCES: UTILITY GRID  
AND PV SOLAR  
ELECTRIC SYSTEM

**EATON**  
CAT NO. 988200879  
200 AMP 120/240 VOLT AC  
Eaton's safety switch is designed to protect the system from overcurrent and short circuit conditions. It is not a circuit breaker and should not be used as one. It is a safety device and should be used as such.



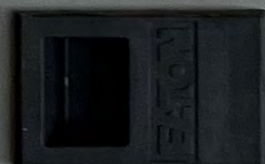




 **CAUTION**   
SOLAR ELECTRIC SYSTEM CONNECTED

SOLAR POINT OF INTERCONNECTION

 **WARNING**  
DUAL POWER SUPPLY  
SOURCES: UTILITY GRID  
AND PV SOLAR  
ELECTRIC SYSTEM







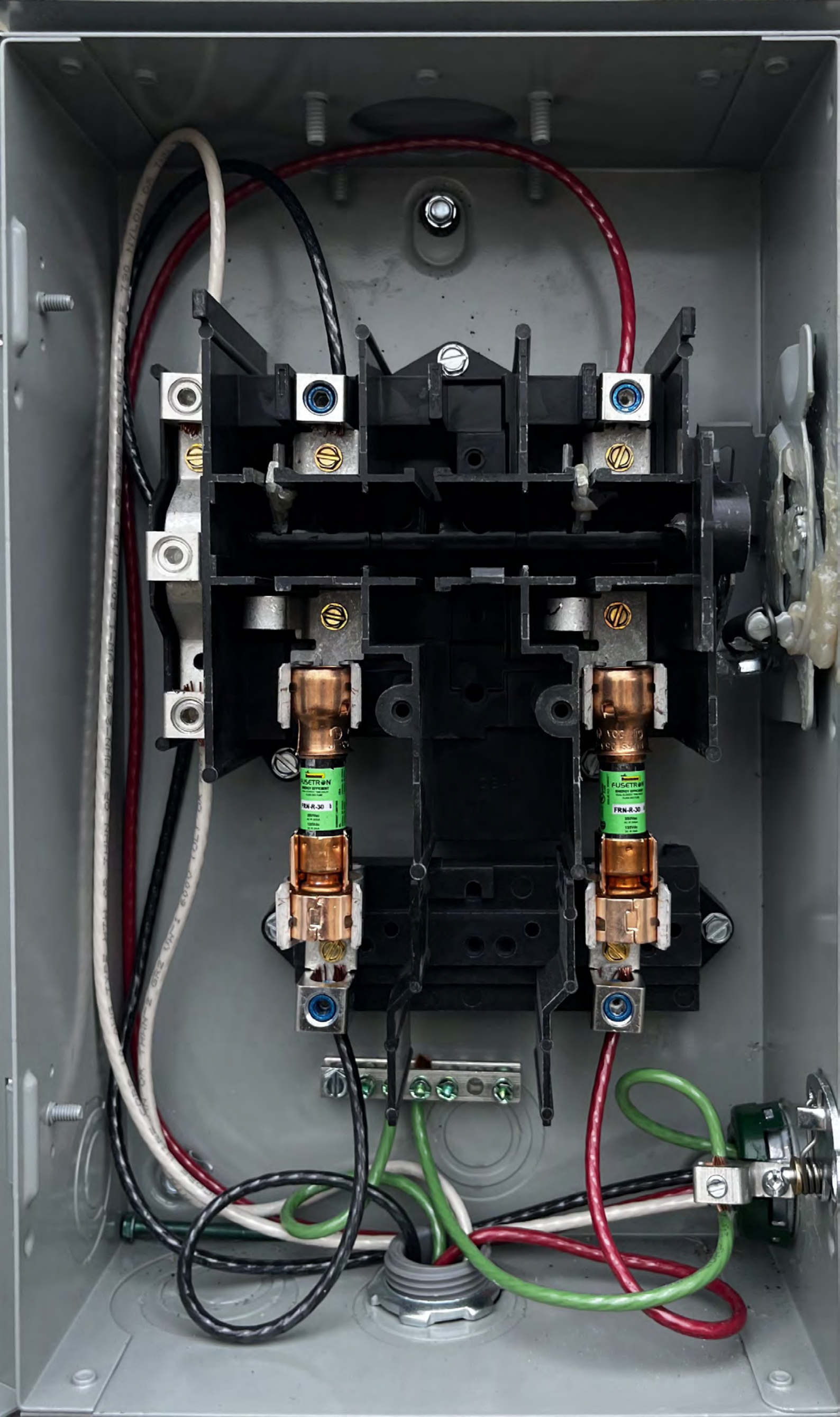












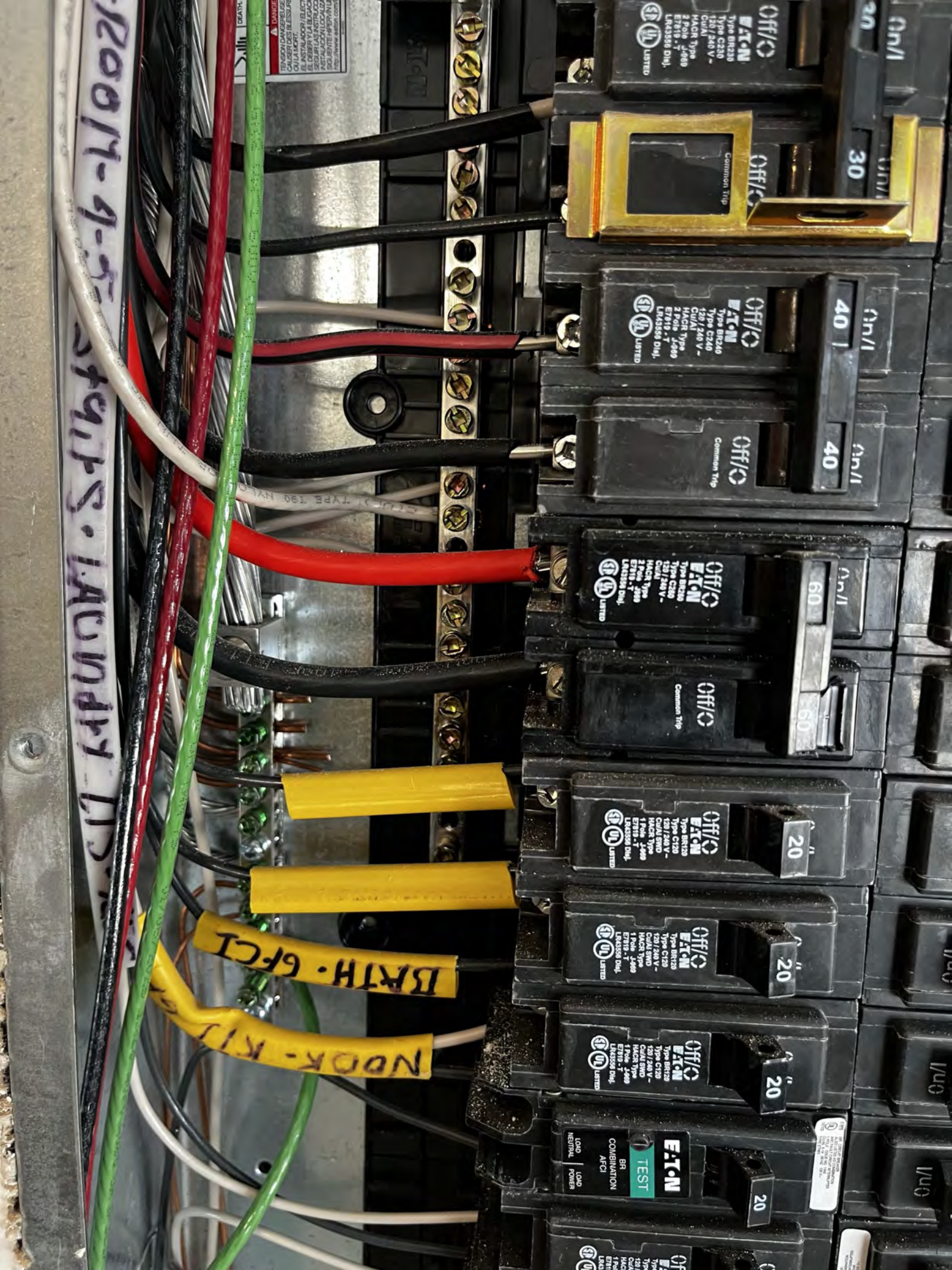




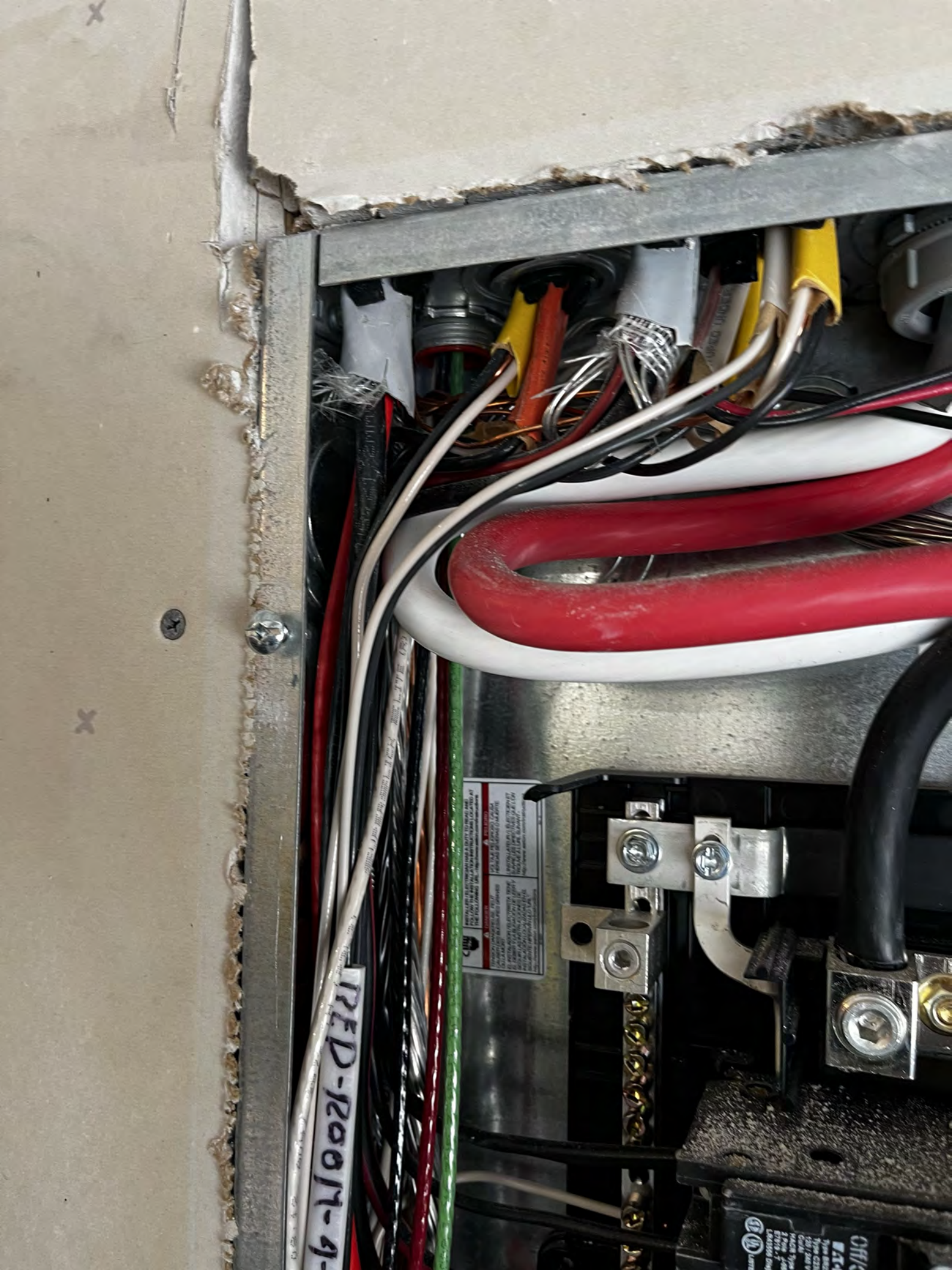








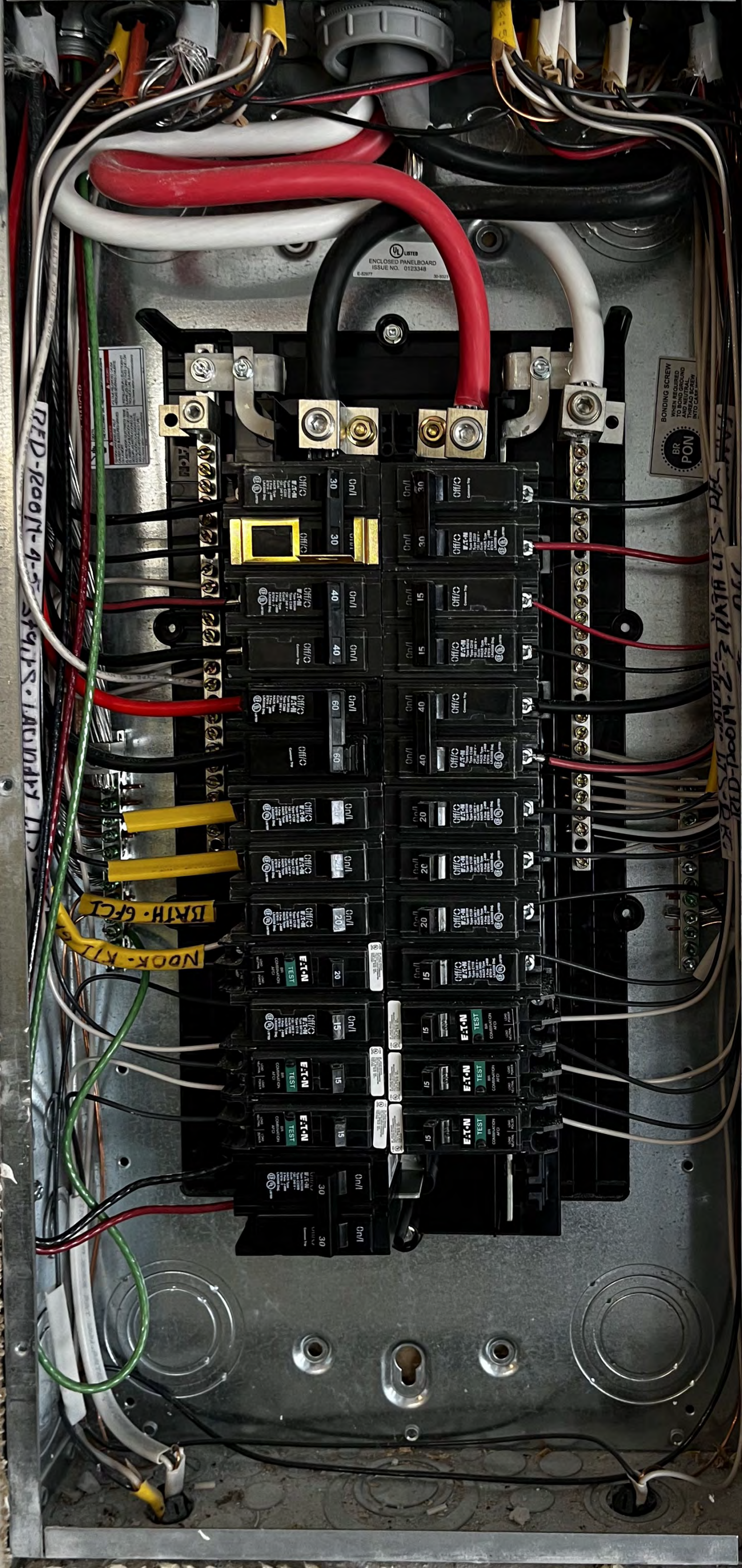












UL LISTED  
ENCLOSED PANELBOARD  
ISSUE NO. 0123348  
E-82977 30-9323

BONDING SCREW  
WHEN REQUIRED  
TO BOND GROUND  
AND NEUTRAL  
TERMINALS  
INTO ONE  
BR  
PON

RED-ROOM-4-5

NOOK-KIT

BATH-6FCL

| Row    | Breaker Rating | Breaker Type | Label |
|--------|----------------|--------------|-------|
| Top    | 30             | Standard     |       |
| Top    | 30             | Standard     |       |
| Top    | 40             | Standard     |       |
| Top    | 40             | Standard     |       |
| Top    | 60             | Standard     |       |
| Top    | 60             | Standard     |       |
| Top    | 100            | Standard     |       |
| Top    | 100            | Standard     |       |
| Bottom | 15             | EATON N-1-E  |       |
| Bottom | 15             | EATON N-1-E  |       |
| Bottom | 15             | EATON N-1-E  |       |
| Bottom | 20             | EATON N-1-E  |       |
| Bottom | 20             | EATON N-1-E  |       |
| Bottom | 20             | EATON N-1-E  |       |
| Bottom | 51             | EATON N-1-E  |       |
| Bottom | 51             | EATON N-1-E  |       |
| Bottom | 51             | EATON N-1-E  |       |









MAX 507F

WIRE PULLING DOOR

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PHOTOVOLTIC POWER SOURCE









PHOTOVOLTAIC POWER SOURCE

SPB No. 2F  
KD19 HT



