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Angier, NC 27501



Do Not Remove  
ETL  
SolarEdge Technologies Ltd.  
SolarEdge Technologies GmbH  
www.solar-edge.com



**CAUTION**  
HOT SURFACES-TO REDUCE THE RISK OF BURNS-DO NOT TOUCH.  
RISK OF ELECTRIC SHOCK-WHEN THE PHOTOVOLTAC 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.

SolarEdge Technologies Ltd.  
Power Optimizer

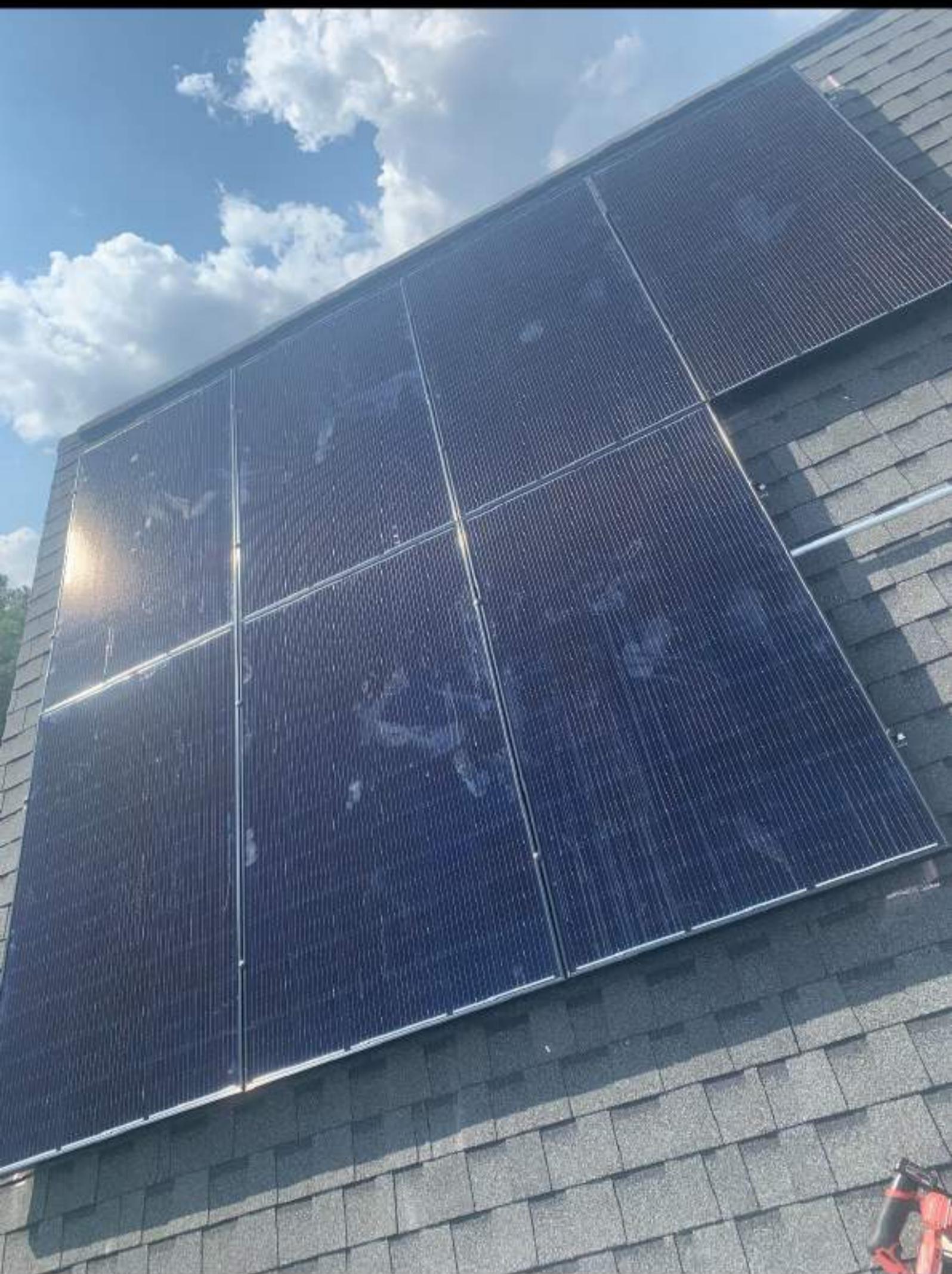
Solaredge Technologies GmbH/  
Weinert-Eckert-Straße 6/81829  
Munich/Germany

**WARNING** ELECTRIC SHOCK HAZARD- THE DC CONDUCTORS OF THIS PHOTOVOLTAC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED



**AVERTISSEMENT**  
RISQUE DE CHOC ELECTRIQUE- QUAND LE CHAMP PHOTOVOLTAC 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 DERAILLANCE DANS LE MODULE PV EST TOUJOURS NUL.



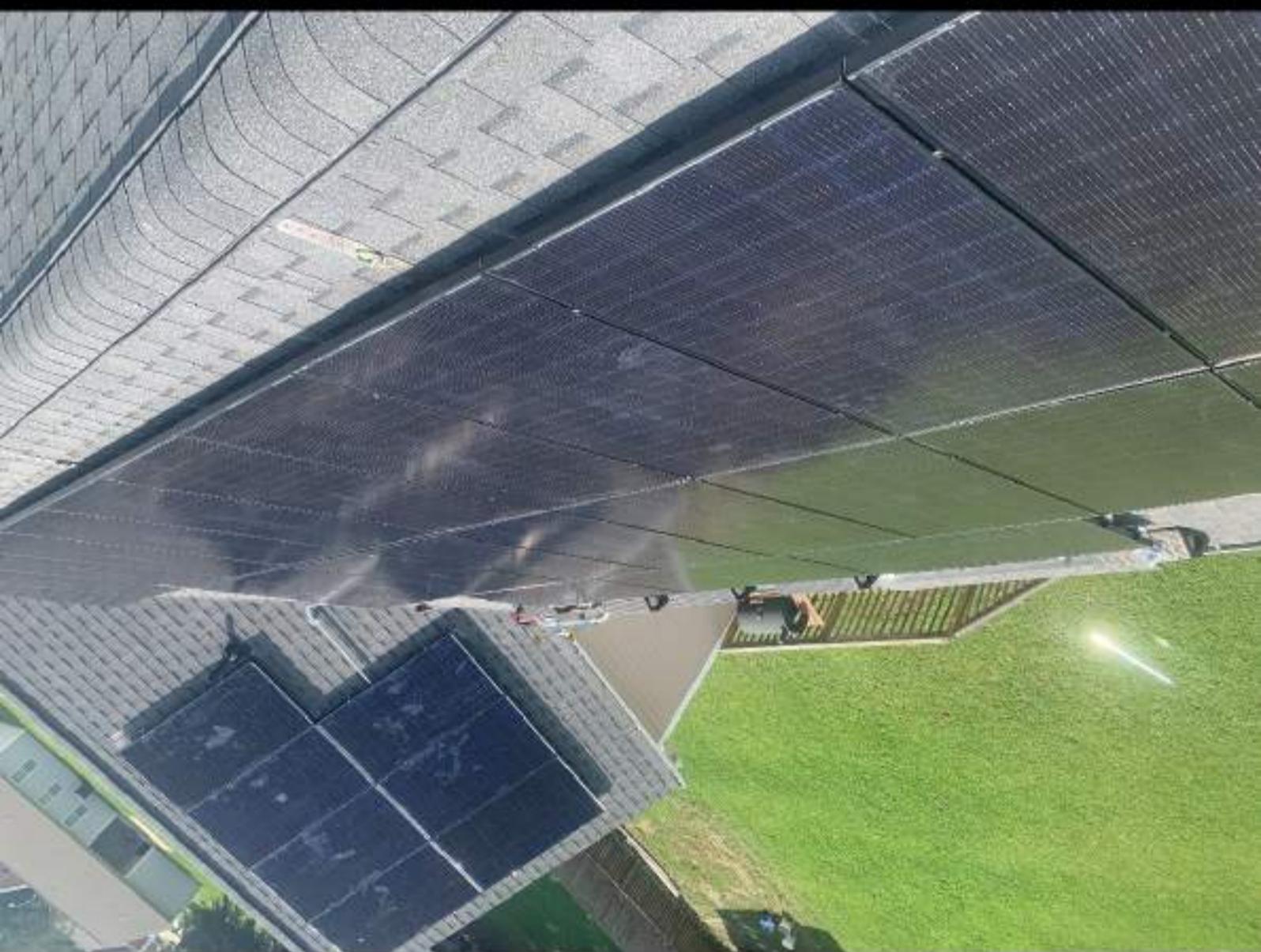








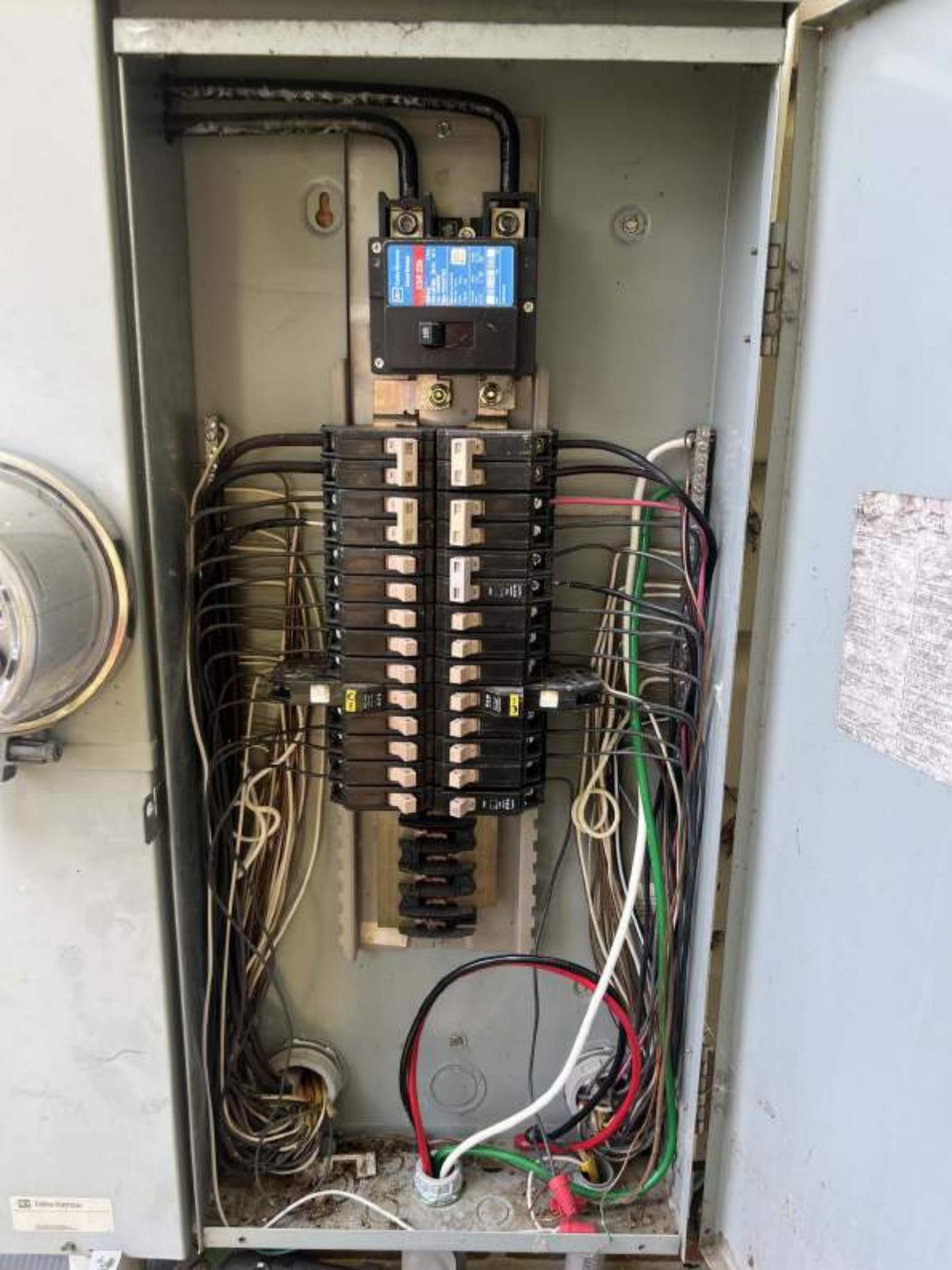


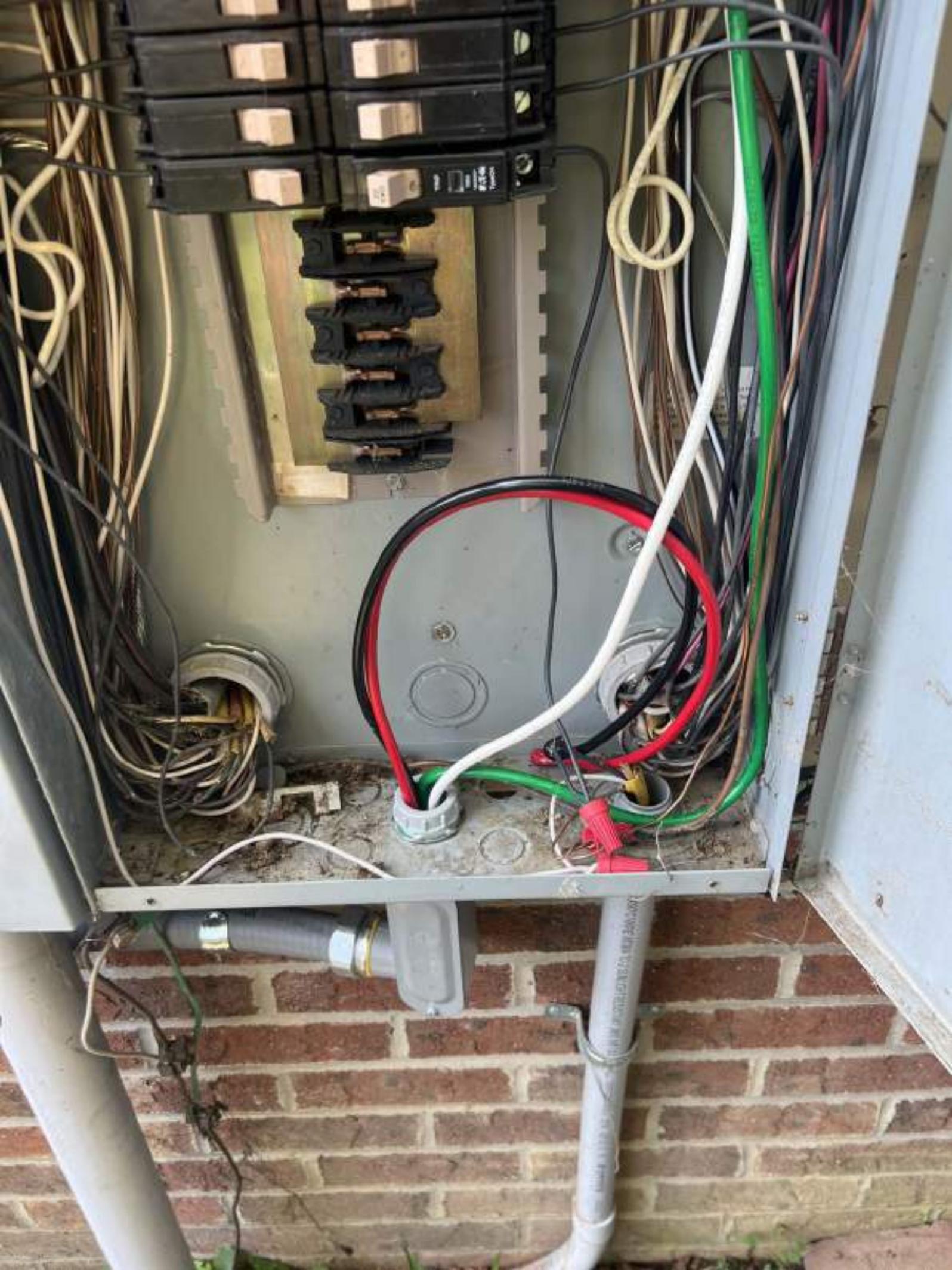














Main  
Main  
Solar  
Solar



solar**edge** HD wave



ON  
OFF

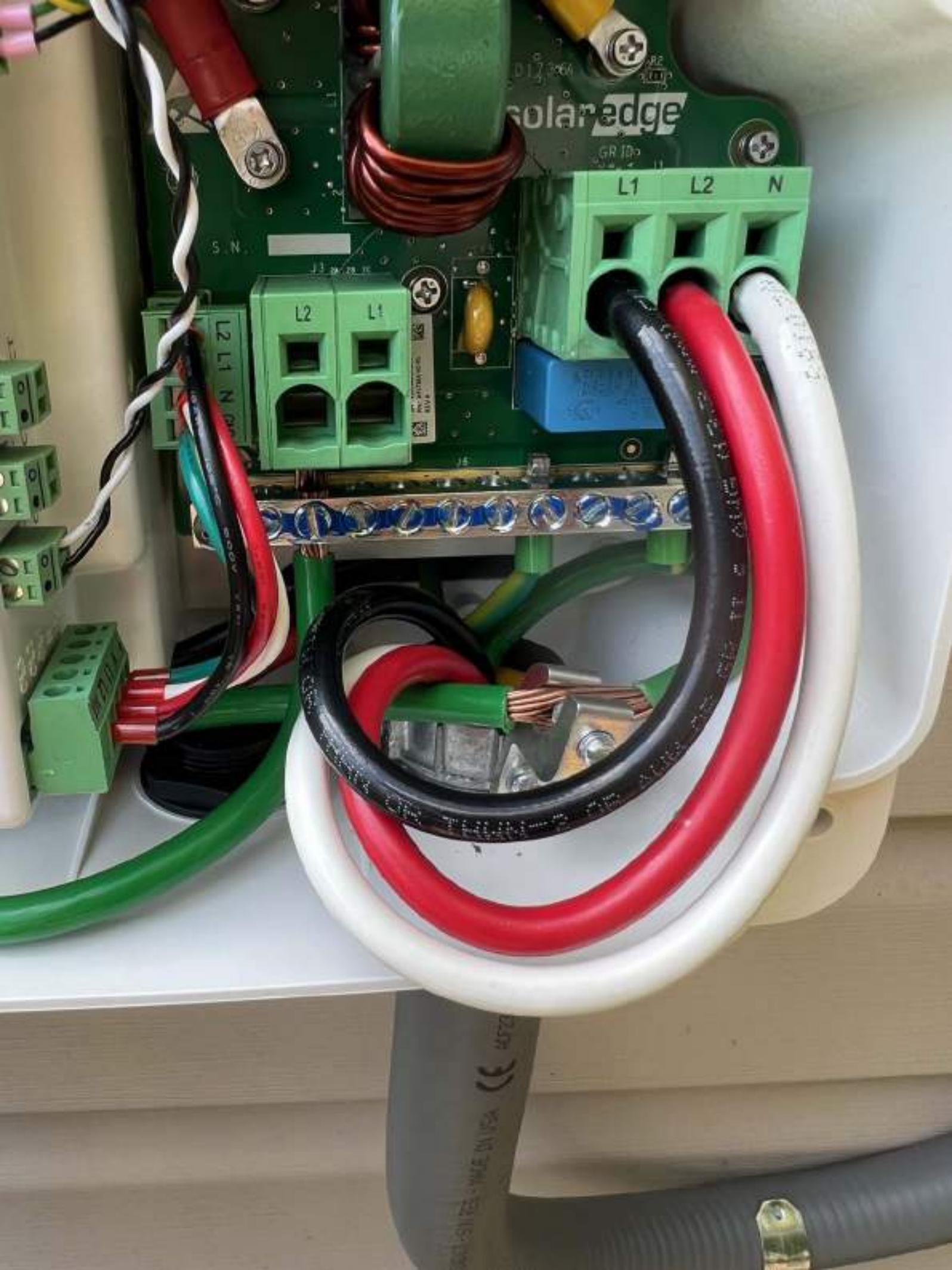
DC DISCONNECT

solar**edge**













# 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 E.-U. / Hecho en E.U.A.

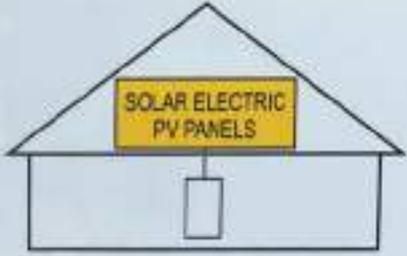
**⚠ DANGER**  
HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH.  
• Energized parts with live parts.  
• Turn OFF power source of switch before doing any work inside. Hold in OFF position before opening the switch.

**⚠ TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.**  
• Ne jamais travailler l'intérieur d'un interrupteur en circuit fermé.  
• Coupez l'alimentation au point de l'interrupteur avant de travailler à l'intérieur. Maintenez la position OFF avant d'ouvrir le couvercle de l'interrupteur.

**⚠ PELIGRO**  
VOLTAJE PELIGROSO. PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.  
• Nunca opere o trabaje con el interruptor energizado.  
• Desconecte el suministro de energía antes de trabajar dentro del interruptor. Mantenga la posición OFF antes de abrir la tapa del interruptor.



## 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

## RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

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

**AC DISCONNECT**  
PHOTOVOLTAIC SYSTEM  
POWER SOURCE

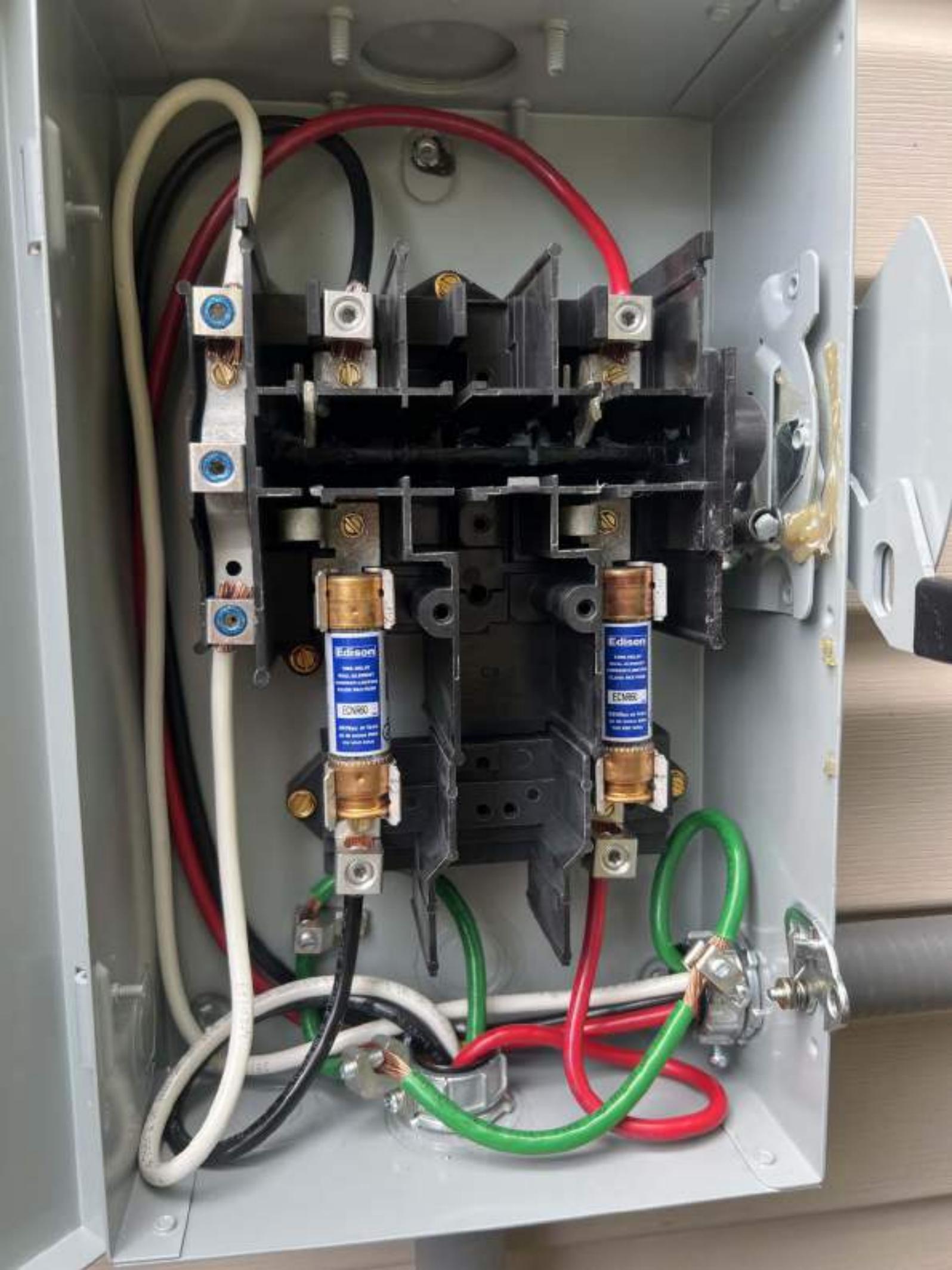
RATED AC  
OUTPUT CURRENT **41.0** AMPS

NOMINAL OPERATING  
AC VOLTAGE **240** VOLTS

ON  
I

OFF  
O









PHOTOVOLTAIC POWER SOURCE

03-2-15  
19-2016-12



PHOTOVOLTAIC POWER SOURCE

















**MISSION SOLAR ENERGY**

Serial No. **M230809-B0410**

Model Number **MSE096X6R**

Rated Maximum Power	[W]	<b>395 (-0/+3%)</b>
Open-Circuit Voltage	[V]	<b>46.1</b>
Voltage at Pmax	[V]	<b>37.0</b>
Short-Circuit Current	[A]	<b>11.24</b>
Current at Pmax	[A]	<b>10.68</b>
Max. System Voltage	[V]	<b>1000</b>

Max. Series overcurrent protective device (where required) fuse rating [A] **20**

Standard test condition **AM+1.5  $I=1000W/m^2$   $T_c=25^\circ C$**

For field connections, use Cu only, 12AWG (US, CANADA), 4mm<sup>2</sup> (EU, ASIA) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (when exposed). See installation manual for PV connector details and compatibility. Avertissement Étiquetage de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.

Fire Rating: Type I  
Class of Equipment: Class I  
Design Load: Minimum 3600 Pa front and minimum 1800 Pa back load

**Warning**  
PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.

UL US LISTED  
TUV 900

Address:  
8303 S. New Braunfels Ave.  
San Antonio, TX 78235







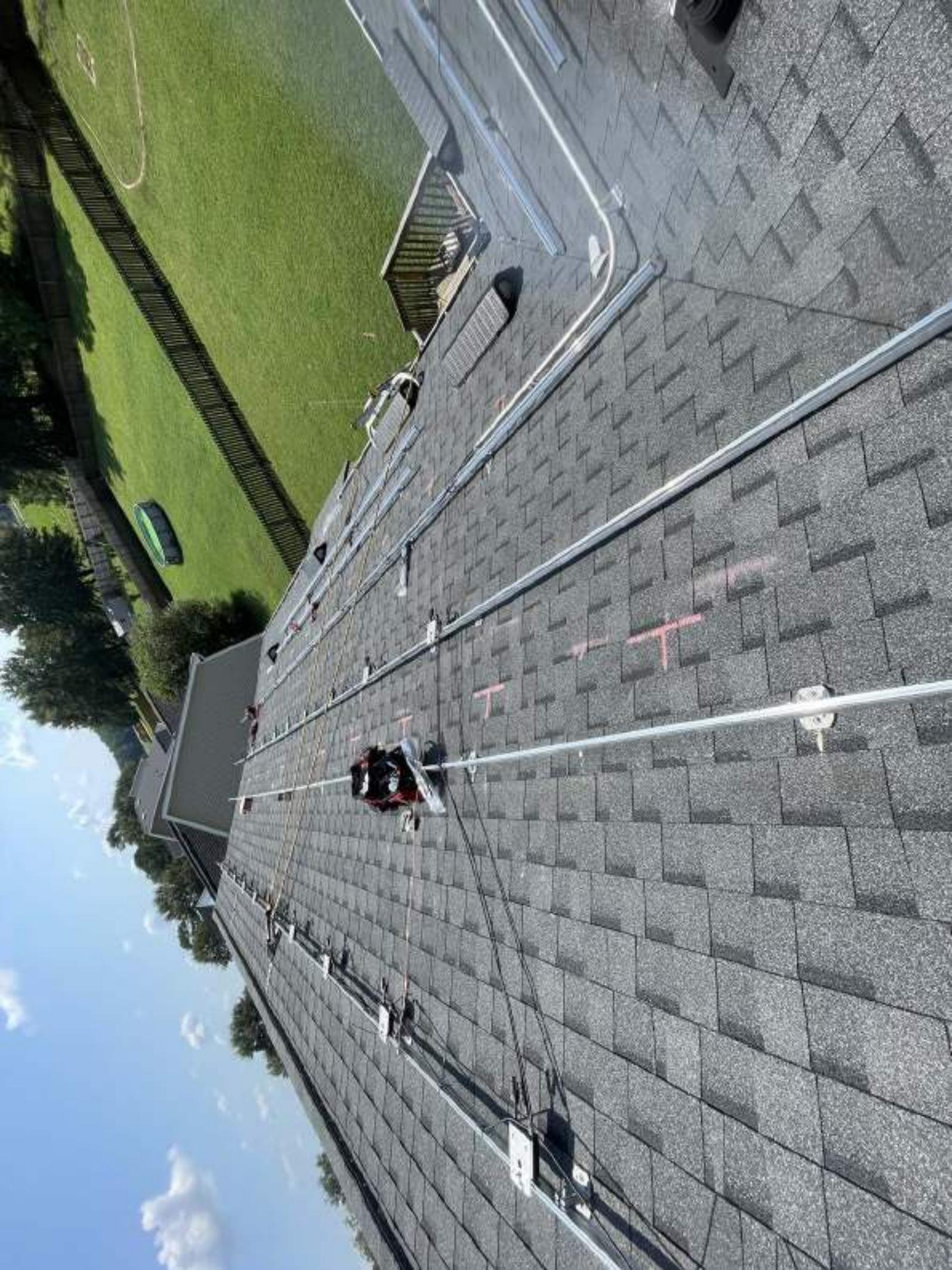










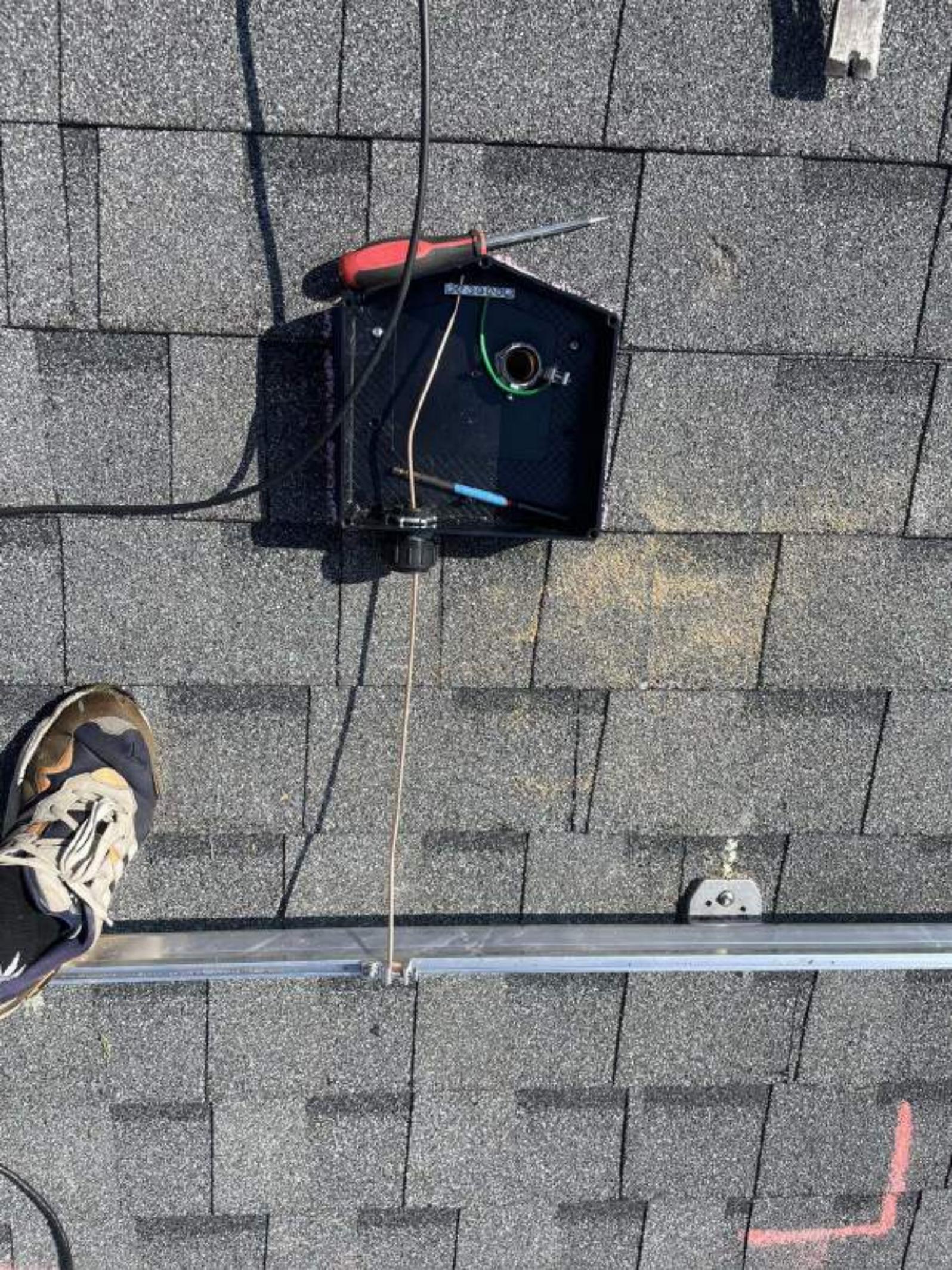












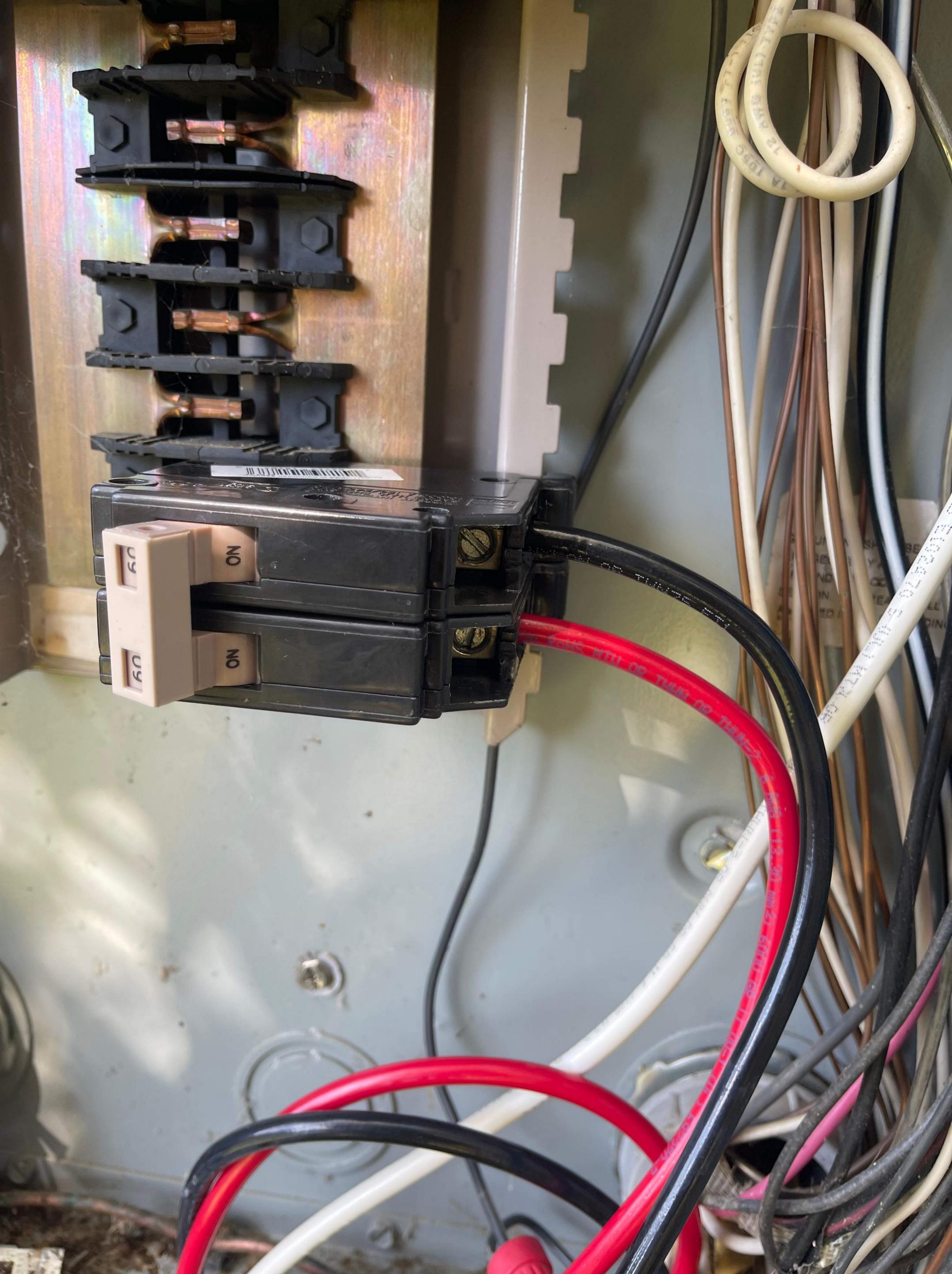














MAIN

MAIN

SOLAR

SOLAR



**SOLAR PV BREAKER**  
**BREAKER IS BACKFED**  
**DO NOT RELOCATE**  
pvlabels.com 03-225



- |                      |   |    |    |   |                        |
|----------------------|---|----|----|---|------------------------|
| Heat                 | } | 40 | ON | } | Range                  |
| Under                |   |    |    |   |                        |
| Water                | } | 40 | ON | } | Dryer                  |
| Heater               |   |    |    |   |                        |
| Master Bath GFI      | } | 35 | ON | } | A/C                    |
| Whirlpool            |   |    |    |   |                        |
| Kit GFI 1            | } | 35 | ON | } | Bath GFI               |
| Kit GFI 2            |   |    |    |   |                        |
| Nook + Din Rel       | } | 20 | ON | } | Washer                 |
| Bedroom 2+3          |   |    |    |   |                        |
| Family Room          | } | 20 | ON | } | Micro                  |
| Bonus Room           |   |    |    |   |                        |
| Master Bath Light    | } | 20 | ON | } | Master Bedroom + Study |
| Garage + outside Rel |   |    |    |   |                        |
|                      |   |    |    |   | Garage Light           |
|                      |   |    |    |   | Bath, Porch, Kit Light |
|                      |   |    |    |   | Dishwasher             |

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