



Scott E. Wyssling, PE
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April 22, 2022

Sigora Solar LLC
490 Westfield Road STE A
Charlottesville, VA 22901

SCOTT E
WYSSLING, PE

Digitally signed by SCOTT E WYSSLING, PE
DN: C=US, S=Utah, L=Alpine, O=Wyssling Consulting, OU=Owner,
CN=SCOTT E WYSSLING, PE, E=swyssling@wysslingconsulting.com
Reason: I am the author of this document
Location: your signing location here
Date: 2022-04-22 00:04:24
Foxit PhantomPDF Version: 9.7.5

Re: Engineering Services (Post-Install)
Boisvert Residence
58 Ancient Oak Court, Bunnlevel, NC
6.000 kW System

To Whom It May Concern:

Pursuant to your request, we have reviewed the installation of the above-referenced solar panel system. As you are aware, this office initially prepared a structural assessment, dated March 24, 2022, of the solar panel installation. This installation was inspected and found to be in compliance with the layout plan as specified in our report, product installation criteria, and the requirements of the current building codes. The installation is in compliance with the 2018 North Carolina Residential Code Book, professional engineering assessment and judgment and covers this dwellings assessment for solar panel connections and support only. We have determined that the equipment will not create a negative impact on the building's structural design, including any additional loads imposed (dead, snow, wind).

This letter pertains only to the panel support attachments to the roof framing and not the engineered photovoltaic panel products, components, or electrical-related installations/connections.

Should you have any questions regarding the above or if you require additional information do not hesitate to contact me.

Very truly yours,

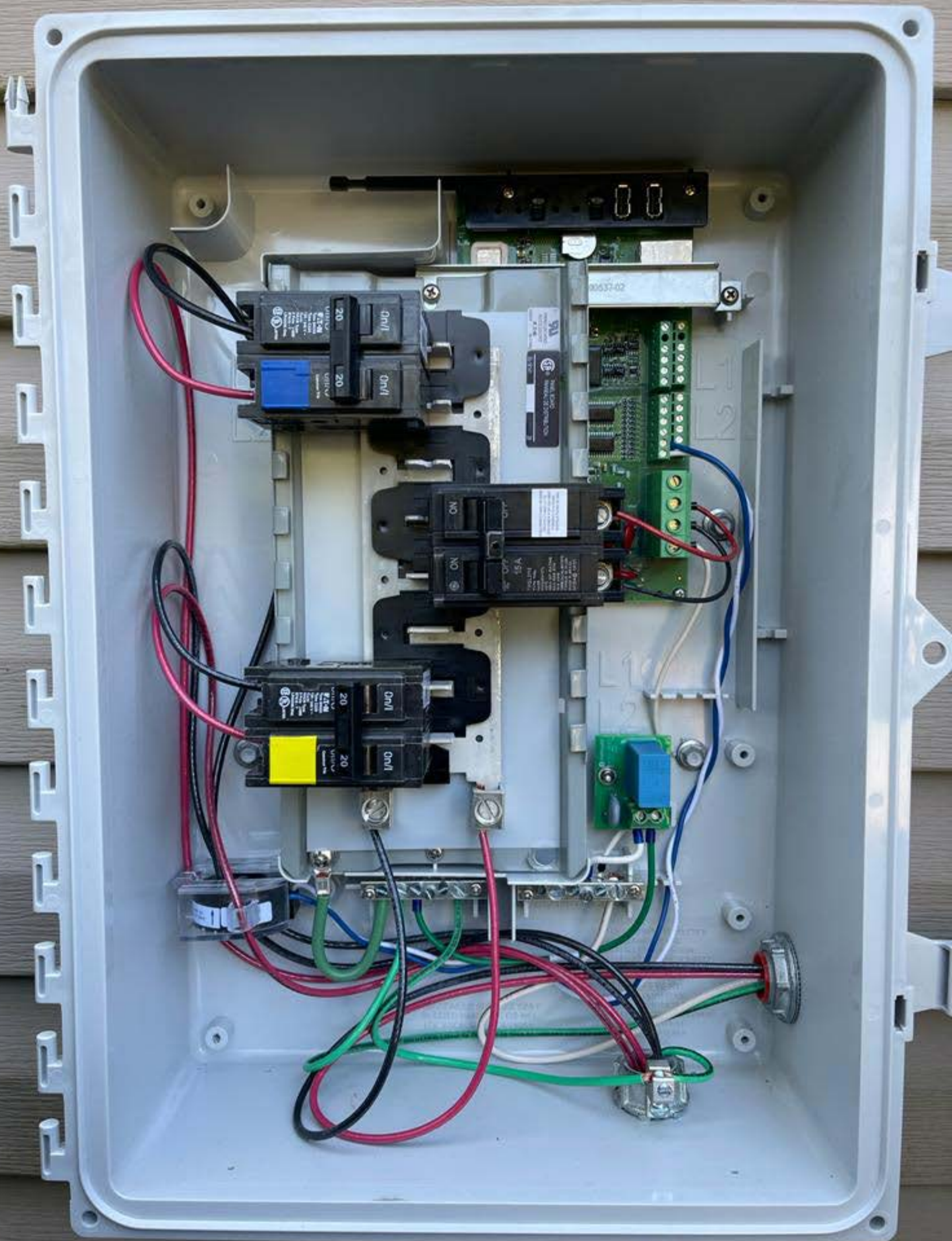
Scott E. Wyssling, PE
North Carolina License No. 46546

THIS PLAN HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY SCOTT WYSSLING, PE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES



Wyssling Consulting, PLLC
76 N Meadowbrook Drive
Alpine UT 84004 COA # P-2308

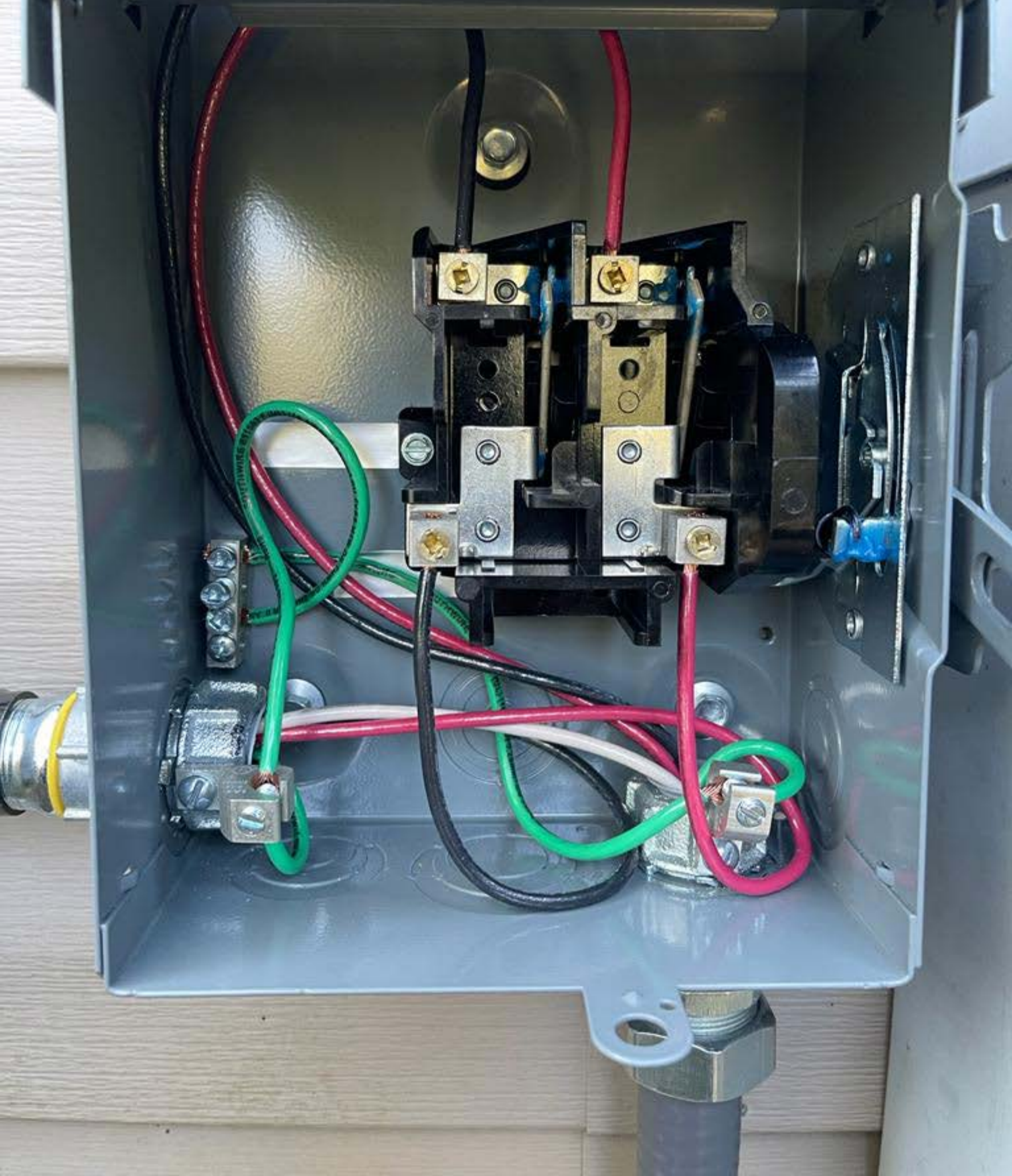
PERMIT NO: ERES2203-0073 ON-LINE PERMIT			
HARNETT COUNTY DEVELOPMENT SERVICES 420 McKinney Pkwy, NC 27546	PERMIT TYPE ELECTRICAL RESIDENTIAL	APPLIED DATE 3/30/2022	Seal
INSPECTION REQUEST LINE (408) 555-1216 OR SCHEDULE EXISTING INSPECTION ON-LINE www.crw.com	PERMIT SUB-TYPE RESIDENTIAL SOLAR PANELS	APPROVED DATE 4/11/2022	
	JOB VALUE 0	ISSUED DATE 4/11/2022	
	APN 0516-06-6492.000		
	DESCRIPTION roof mounted solar panels		
PERMIT INFORMATION		FEE SUMMARY	
SITE	58 ANCIENT OAK CT BUNNLEVEL, NC 28323	PLAN REVIEW FEES	\$25.00
APPLICANT	Sigora Solar 1222 Harris Street Charlottesville VA 22903	LAND USE FEES	\$25.00
OWNER	BOISVERT WILMARIE 58 ANCIENT OAK CT BUNNLEVEL, NC 28323 BUNNLEVEL NC 28323	RESIDENTIAL ELECTRIC FEES	\$120.00
CONTRACTOR	Sigora Solar 1222 Harris Street Charlottesville VA 22903	Total Fees Charged:	\$170.00
<small>NOTE: This job copy of this permit shall be kept on the job site to make the required entries thereon. The permit will expire if work is not started in 180 days, is abandoned, or does not receive an inspection for more than 180 days. Additional fees will be collected to renew expired permits. This is a Building Permit when properly filled out, signed and validated, and is not transferable. Construction Hour: Construction is limited to the hours of 7:00am to 7:00pm each day. No work shall be performed on certain holidays (MMC V-213-3(b)).</small>			
LICENSED CONTRACTORS DECLARATION		INSPECTION SUMMARY	
<small>I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.</small> <small>License No: _____ Expiration Date: _____ Contractor: _____</small>		<input type="checkbox"/> FINAL** <input type="checkbox"/> ROUGH IN	
OWNER-BUILDER DECLARATION			
<small>I hereby affirm under penalty of perjury that I am exempt from the contractors license Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by an applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).):</small> <small>I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner or property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)</small> <small>I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner or Property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.)</small> <small>I am exempt under Sec. _____ B.P.C. for this reason _____</small> <small>DATE _____ OWNER _____</small>			
WORKERS COMPENSATION DECLARATION			
<small>I hereby affirm under penalty of perjury one of the following declarations:</small> <small>_____ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the permit is issued.</small> <small>_____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:</small> <small>Carrier/Policy No: _____</small> <small>(This section need not be completed if the permit is for one hundred dollars (\$100) or less).</small> <small>_____ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any number so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.</small> <small>DATE _____ APPLICANT: _____</small> <small>WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.</small>			
CONSTRUCTION LENDING AGENCY			
<small>I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).</small> <small>DATE _____ APPLICANT: _____</small> <small>* I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.</small> <small>SIGNATURE OF APPLICANT OR AGENT: _____ DATE _____</small>			
Permit Finaled Date: _____ Inspector Name: _____ Signature: _____			

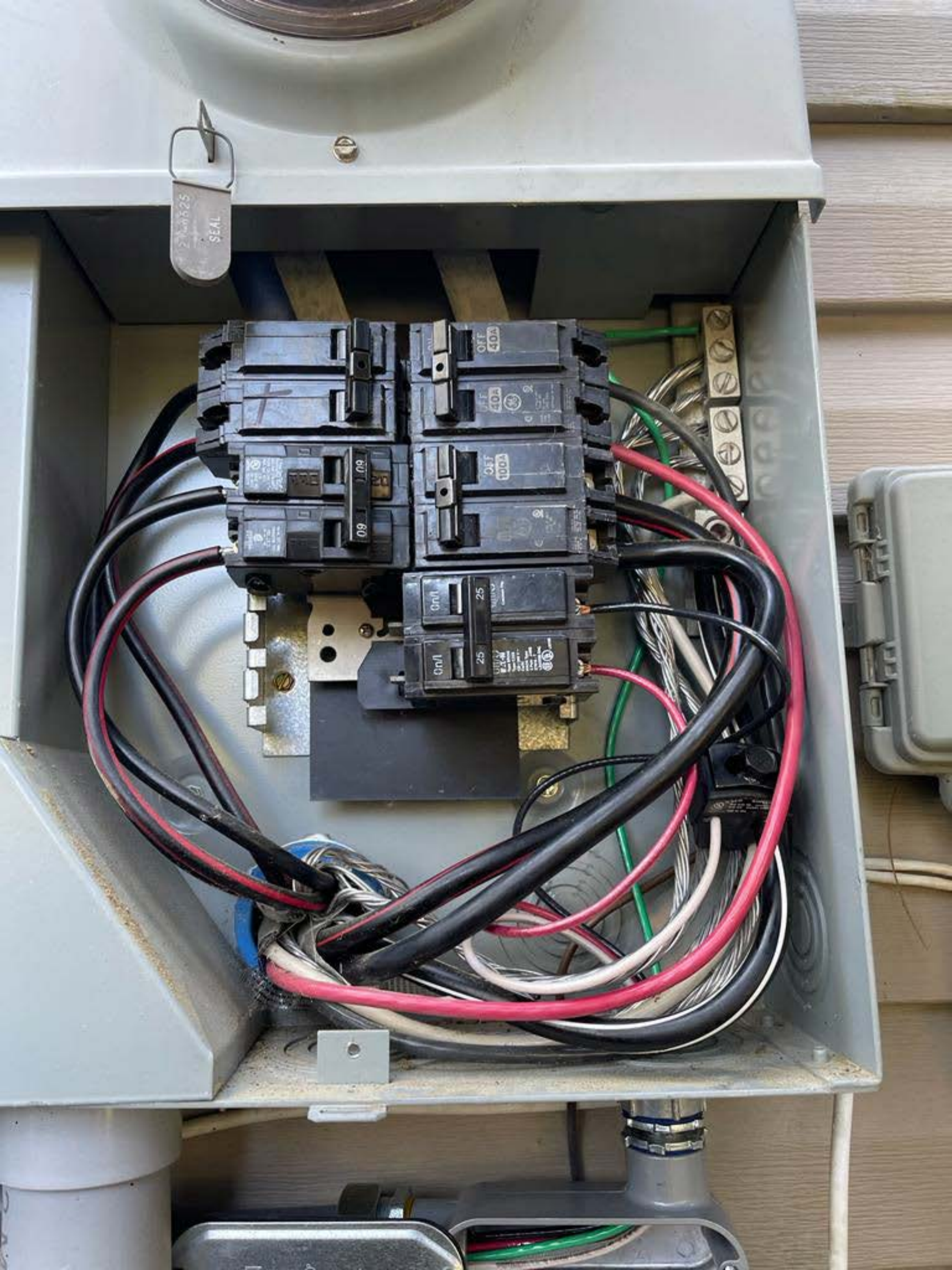


UL LISTED
Electrical Equipment
AL-440

SQUARE D

By Schneider Electric
Made in Mexico





SEAL
21000525

09 109

OFF 40A

OFF 40A

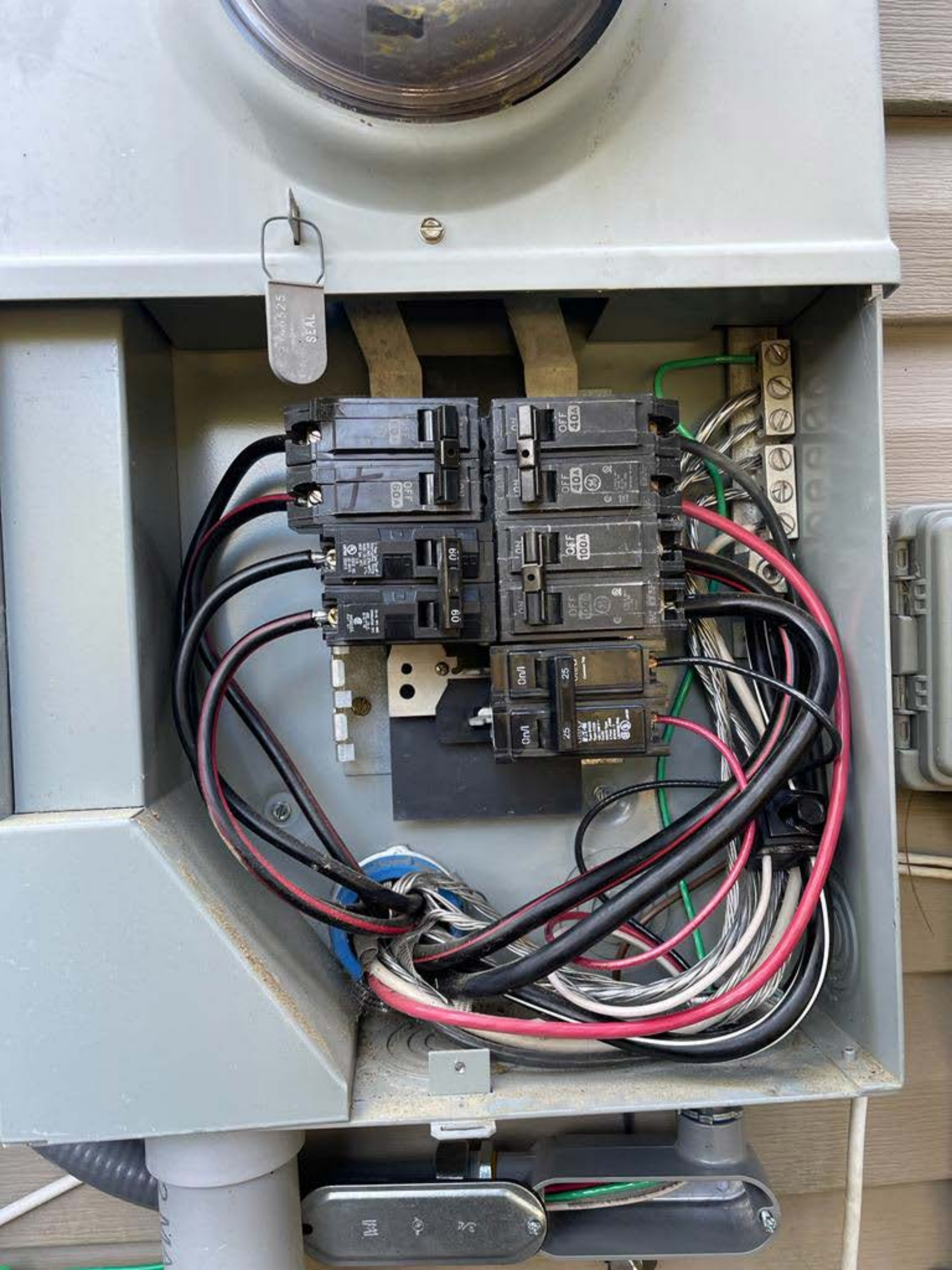
OFF 100A

OFF 100A

25

25

0998



GENERAL DUTY SAFETY SWITCH
INTERRUPTOR DE SEGURIDAD DE SERVICIO GENERAL
15 A
240V

⚠ DANGER / PELIGRO

AC DISCONNECT
18 15A
240V

ON
OFF

FOCUS kWh
SOUTH RIVER EMC
TWACS 16089438

EACH HANDLE IN THIS DEVICE IS A SERVICE DISCONNECT

AC

//

HEAT

//

RANGE

MAIN

SOLAR

SOLAR

⚠ WARNING
POWER SOURCE OUTPUT
CONNECTION DO NOT
RELOCATE THIS
OVERCURRENT DEVICE



⚠ WARNING
POWER SOURCE OUTPUT
CONNECTION. DO NOT
RELOCATE THIS
OVERCURRENT DEVICE.
595-00883 

MAI

SOLAR

SOLAR

 ENPHASE.

 SIGORA
SOLAR

⚠ WARNING
POWER SOURCE OUTPUT
CONNECTION. DO NOT
RELOCATE THIS
OVERCURRENT DEVICE.



SQUARE D®

GENERAL DUTY
SAFETY SWITCH
INTERRUPTOR DE
SEGURIDAD DE
SERVICIO GENERAL
30 A
240 Vac / V~



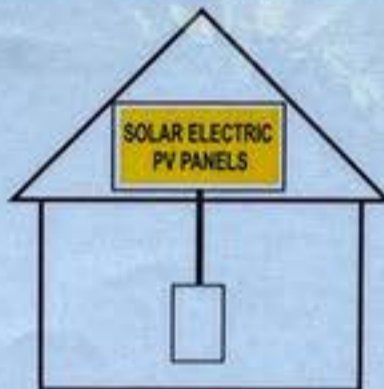
⚠ DANGER / PELIGRO

ON

**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

596-00885



VHT

PHOTOVOLTAIC AC DISCONNECT

MAXIMUM AC OPERATING CURRENT: 18.15A

NOMINAL OPERATING AC VOLTAGE: 240V

VHT

596-00239

OFF

**⚠ WA
SECOND**
596-00495









ENPHASE

SIGORA
SOLAR

SAFETY: DO NOT OPEN WITH MAINS ENERGIZED



ON

PELIGRO

EQUIPPED
SHUTDOWN



DISCONNECT

18.15A

240V

OFF

⚠ WARNING DUAL POWER SOURCE
SECOND SOURCE IS PHOTOVOLTAC SYSTEM

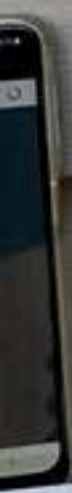


FOCUS kWh

SOUTH RIVER EMC

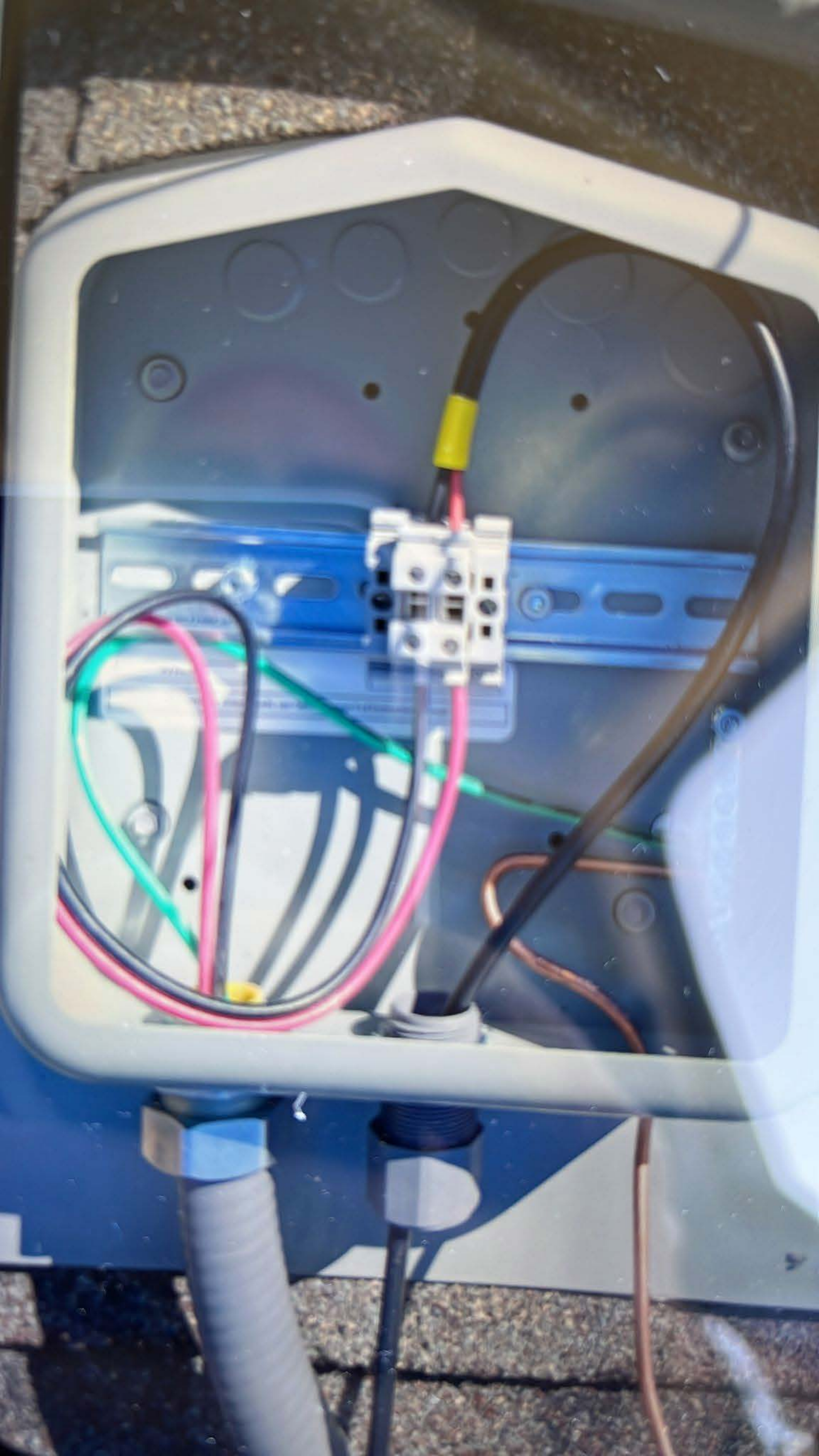
TWACS 16089438

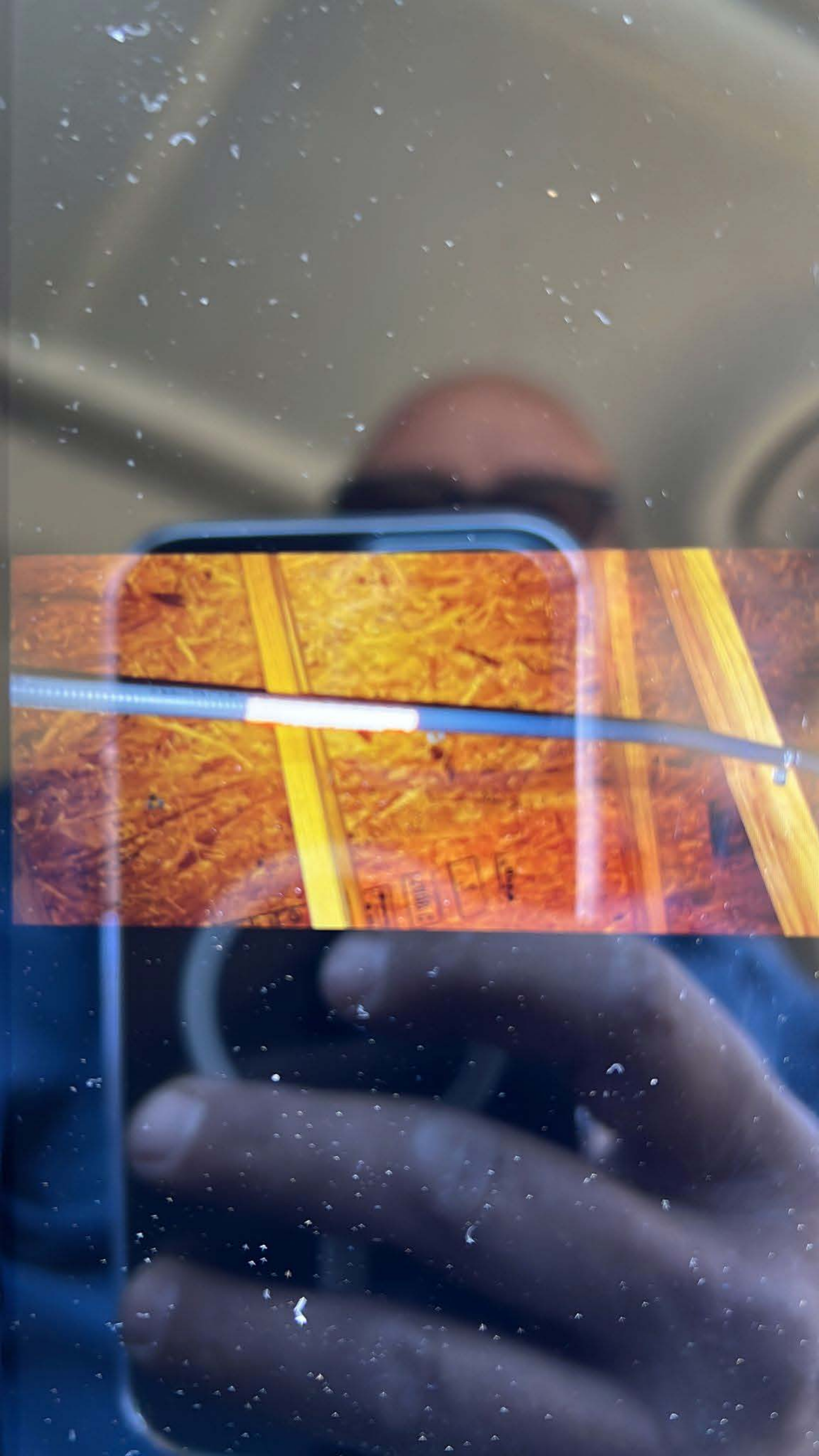
⚠ WARNING DUAL POWER SOURCE
SECOND SOURCE IS PHOTOVOLTAC SYSTEM











WARNING: PHOTOVOLTAIC
POWER SOURCE

WARNING: PHOTOVOLTAIC
POWER SOURCE






PV Positive

For terminal torque load

5 of Ins



SOLADECK


www.soladeck.com

ETL
Listed
3134037

Professional Installation/Enclosure Conforms to UL 514E, Certified to CSA C22.2 No. 240, Vent Type III

01 02 03 04 21 22 23 24
 0799 Series 0766-41AD

Max Ratings: 600 VDC/115 AMPS, 240 VAC/60 AMPS, Short circuit: 10KA, Ambient Temp 75C*

⚠ WARNING		⚠ AVERTISSEMENT		
	<p>READ INSTRUCTIONS. KEEP THEM ON HAND.</p> <p>WARNING: This device contains electrical components. Improper installation, use, or maintenance can result in fire, electric shock, or personal injury. Read and understand all instructions before using this device. Do not use this device if you are not qualified to do so. Do not use this device if you are not qualified to do so. Do not use this device if you are not qualified to do so.</p>	<p>AVERTISSEMENT: LIRE ATTENTIVEMENT LES INSTRUCTIONS D'INSTALLATION, D'UTILISATION ET D'ENTRETIEN. GARDER CES INSTRUCTIONS EN TOUT TEMPS.</p> <p>AVERTISSEMENT: Ce dispositif contient des composants électriques. Une installation, une utilisation ou une maintenance incorrecte peut entraîner un incendie, des chocs électriques ou des blessures personnelles. Lire et comprendre toutes les instructions avant d'utiliser ce dispositif. Ne pas utiliser ce dispositif si vous n'êtes pas qualifié pour le faire. Ne pas utiliser ce dispositif si vous n'êtes pas qualifié pour le faire.</p>		
	<p>CAUTION: NEVER OPEN THIS DEVICE. DO NOT ATTEMPT TO REPAIR OR REPLACE ANY PARTS. CONTACT THE MANUFACTURER FOR SERVICE INFORMATION. ALWAYS USE THE CORRECT WIRE GAUGE AND TYPE. ALWAYS USE THE CORRECT WIRE COLOR. ALWAYS USE THE CORRECT WIRE STRIPPER. ALWAYS USE THE CORRECT WIRE NUTS. ALWAYS USE THE CORRECT WIRE TIE-WRAPS. ALWAYS USE THE CORRECT WIRE LABELS. ALWAYS USE THE CORRECT WIRE MARKING. ALWAYS USE THE CORRECT WIRE IDENTIFICATION.</p>	<p>ATTENTION: NE JAMAIS OUVRIER CE DISPOSITIF. NE PAS TENTER DE RÉPARER OU DE REMPLACER DES PIÈCES. CONTACTER LE FABRICANT POUR DES RENSEIGNEMENTS SUR LE SERVICE. TOUJOURS UTILISER LE BON CALIBRE ET LE BON TYPE DE FIL. TOUJOURS UTILISER LE BON COULEUR DE FIL. TOUJOURS UTILISER LE BON STRIPPER DE FIL. TOUJOURS UTILISER LES BONNES BOUTES-ARRÊTES DE FIL. TOUJOURS UTILISER LES BONNES LIÈSES-DE FILS. TOUJOURS UTILISER LES BONNES ÉTIQUETTES DE FILS. TOUJOURS UTILISER LES BONNES MARQUÉS DE FILS. TOUJOURS UTILISER LES BONNES IDENTIFICATIONS DE FILS.</p>		

P.S.T.C. Enterprises
 Patent No. US 7,626,518 B1











