



 **ENPHASE**®

IQ7+

IQ 7+ Grid Support Interactive Inverter
For Enphase patent information, refer to:
<http://enphase.com/company/patents/>

Power Factor Range: +/- 0.85
DC input range: 16 - 60V
Max. input short-circuit current: 15A
Max. input continuous current: 12A
AC output voltages: 208 / 240V
AC output currents: 1.39 / 1.21A
AC output frequency: 60Hz
AC output power (max. continuous): 290VA
Operating temperature: -40 °C to +65 °C
Ingress protection: NEMA Type 6
Photovoltaic Rapid Shutdown Equipment
NEC 690.12 and C22.1-2015 Rule 64-2.18
UL1741 SA Compliant | Assembled in India



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.



CAUTION: RISK OF SHOCK. WARRANTY VOID IF COVER REMOVED. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: ELECTRIC SHOCK HAZARD. DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED. AC AND DC VOLTAGE SOURCES TERMINATE INSIDE THIS EQUIPMENT. DISCONNECT BOTH BEFORE SERVICING. PHOTOVOLTAIC ARRAY SUPPLIES A DC VOLTAGE TO THIS EQUIPMENT WHEN EXPOSED TO LIGHT. HOT SURFACES: TO REDUCE THE RISK OF BURNS - DO NOT TOUCH.

ATTENTION: RISQUE D'ELECTROCUTION. LES CONDUCTEURS CC DE CE SYSTEME PHOTOVOLTAIQUE NE SONT PAS RELIES A LA TERRE ET PEUVENT ETRE SOUS TENSION. DES SOURCES DE TENSION CA ET CC SONT CONNECTEES A CET APPAREIL. ISOLER LES DEUX SOURCES AVANT TOUTE INTERVENTION. LES CÂBLES COURANT CONTINU SONT SOUS TENSION LORSQUE LE CHAMP PHOTOVOLTAÏQUE EST EXPOSÉ À LA LUMIÈRE. RISQUE DE BRÛLURE, NE PAS TOUCHER.

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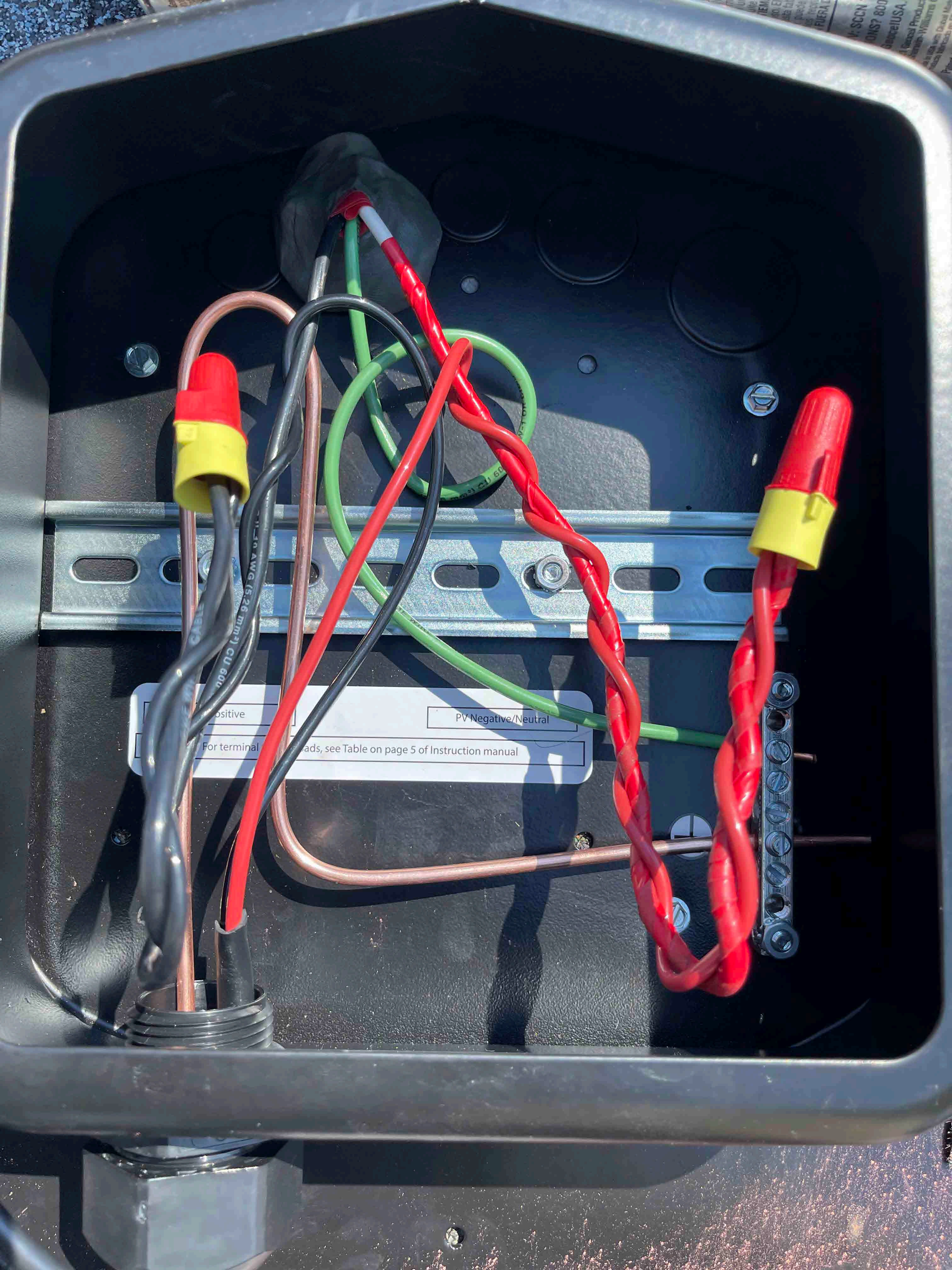


IQ7PLUS-72-2-US

885-00852 13 6172

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ENPI



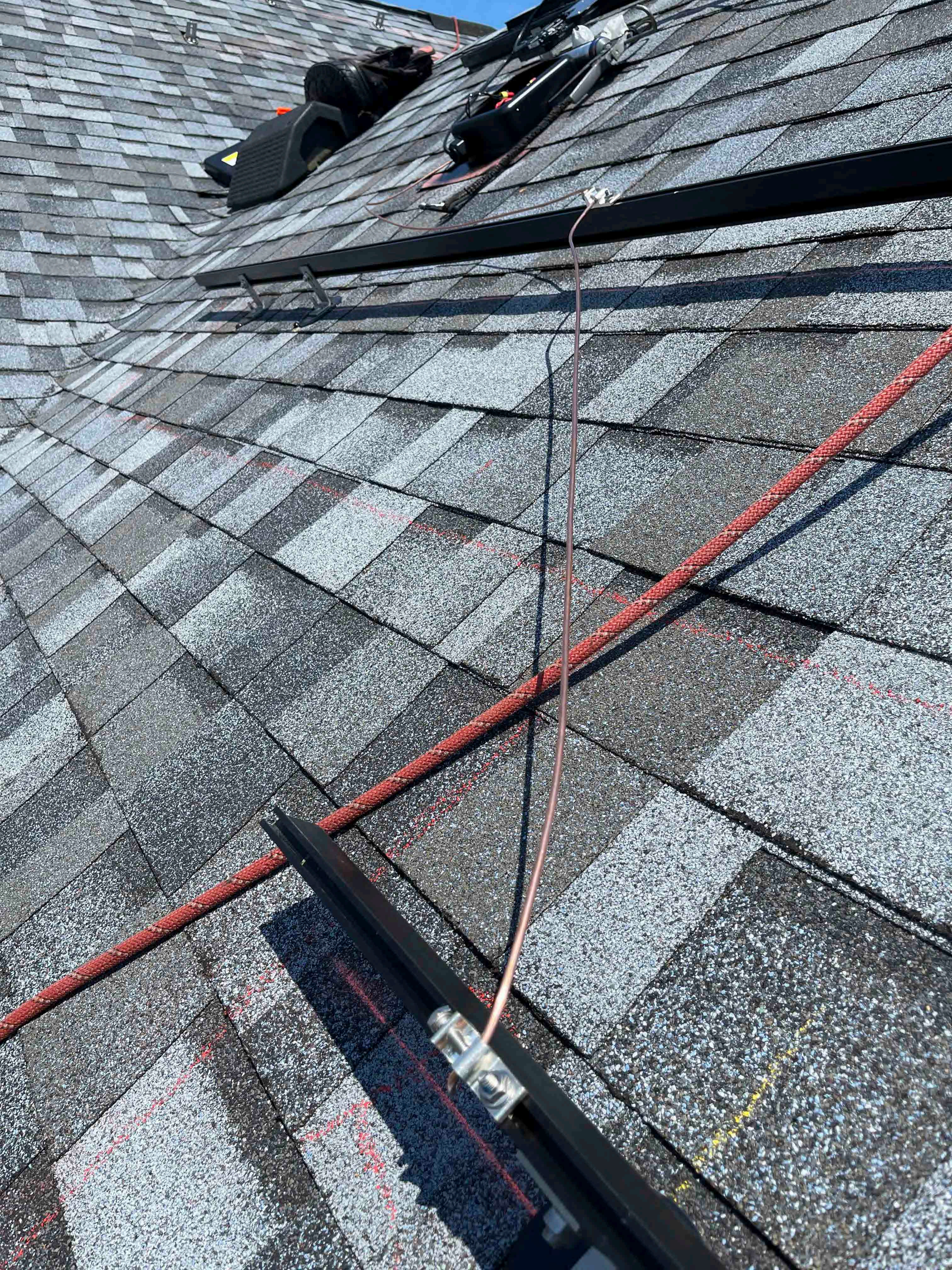
Positive

PV Negative/Neutral

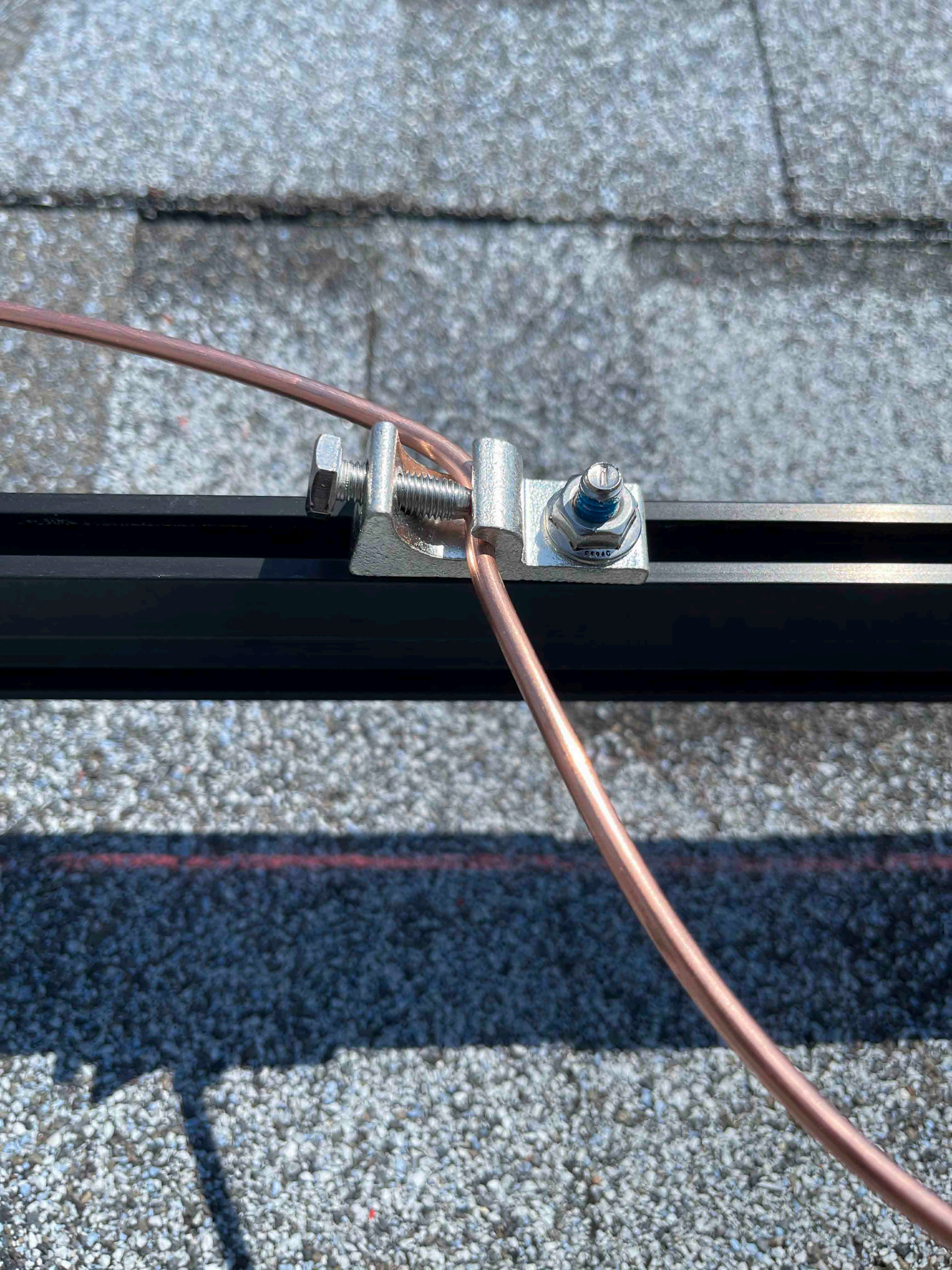
For terminal leads, see Table on page 5 of Instruction manual

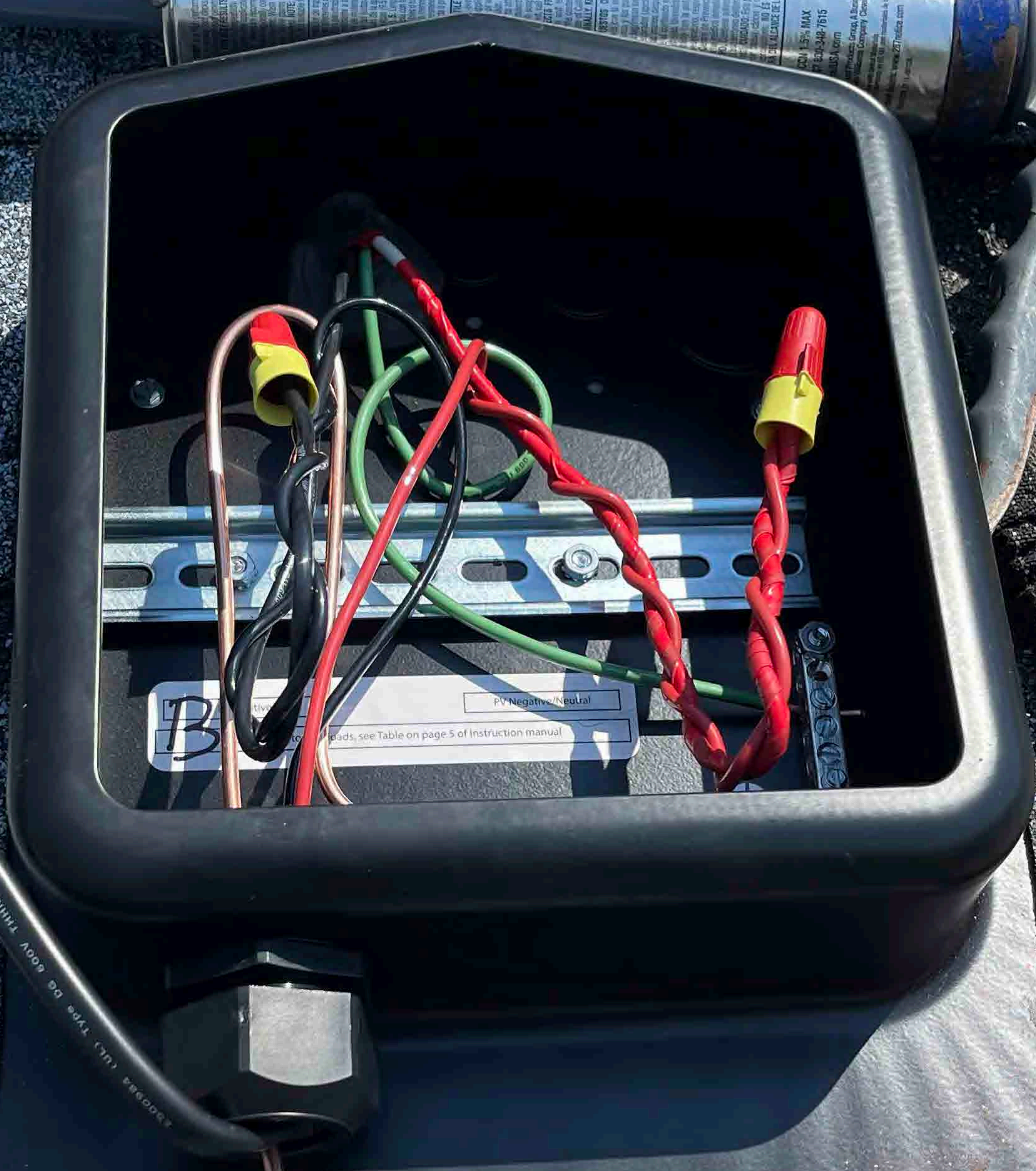
1.5 AWG (5.26 mm²) CU 600V

W: SCCN
ONS? 800
GeacellUSA
General Product
Wilmington
USA with Global M
Wilmington











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Photovoltaic Combiner/Enclosure Conforms to UL 1741; Certified to CSA C22.2 No. 290; Nema Type 3R

B

Q1
 Q2
 Q3
 Q4
 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> HIGH VOLTAGE. KEEP OUT! RISK OF ELECTRICAL SHOCK. ONLY TRAINED SERVICE PERSONNEL. ALLOWED ACCESS: SUITABLE FOR PHOTOVOLTAIC USE. APPROVED FOR USE WITH FIELD-INSTALLED CONDUCTORS SIZED FOR AN ALLOWABLE AMPACITY OF 90 C°. AN EXTERNAL OUTPUT CIRCUIT DISCONNECTING MEANS SHALL BE PROVIDED WHEN REQUIRED BY THE CANADIAN ELECTRICAL CODE, PART I. CAUTION: BEFORE SERVICING FUSES, DISCONNECT ALL PHOTOVOLTAIC INPUTS AND OUTPUT CIRCUITS. WARNING: MORE THAN ONE LIVE CIRCUIT. SEE DIAGRAM. PLEASE CONSULT PAGE 5 OF MANUAL FOR COMBINER COMPONENT AND KIT RATINGS. </p>	<p> HAUTE TENSION, GARDEZ A L'ECARTI RISQUE DE CHOC ELECTRIQUE. SEUL LE PERSONNEL DE SERVICE FORME A AUTORISE L'ACCES. CONVIENT A UNE UTILISATION PHOTOVOLTAIQUE. APPROUVE POUR UTILISATION AVEC DES CONDUCTEURS INSTALLES SUR LE TERRAIN DIMENSIONNES POUR UNE AMPACITE ADMISSIBLE DE 90 C°. UN MOYEN DE DECONNEXION DU CIRCUIT DE SORTIE EXTERNE DOIT ETRE FOURNI LORSQUE LA PARTIE I DU CODE CANADIEN DE L'ELECTRICITE L'EXIGE. ATTENTION - AVANT D'ENTREtenir LES FUSIBLES, DEBRANCHEZ TOUTES LES ENTREES ET CIRCUITS DE SORTIE PHOTOVOLTAIQUES. AVERTISSEMENT - PLUS D'UN CIRCUIT EN DIRECT. VOIR DIAGRAMME. VEUILLEZ CONSULTER LA PAGE 5 DU MANUEL POUR LES EVALUATIONS DES COMPOSANTS ET DES KITS DE COMBINAISON. </p>

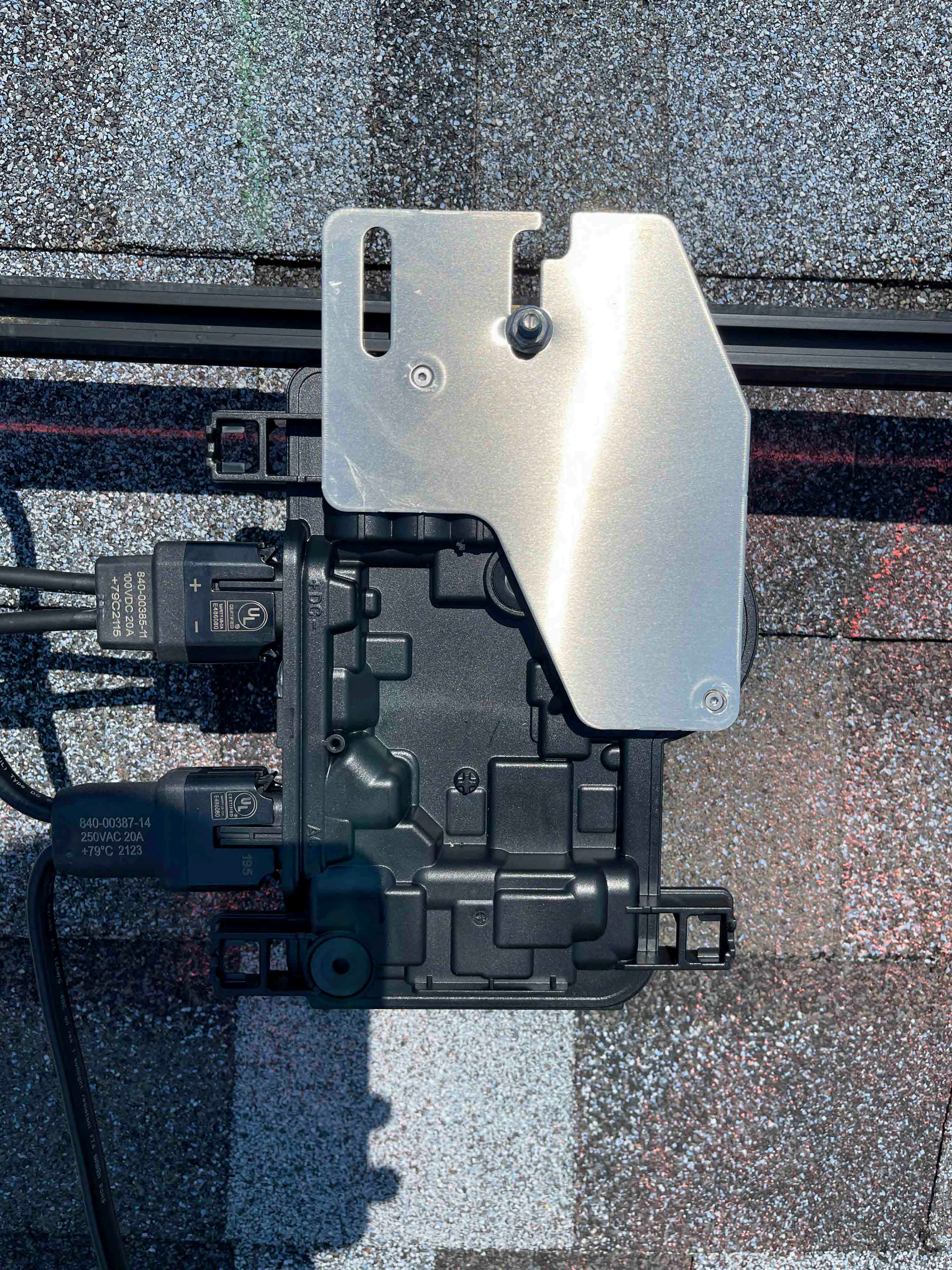
R.S.I.C. Enterprises
 Patent No. US 7,626,118 B1

110 40C
 12AWG 2/C
 15M/1P
 509 509
 2-NMIL/ANNE
 1022 509



1. 2 3 SPEED MARK 4 5 KOMELON 6 NYLON COAT 7 8 9 10 11 12 13 14





840-00385-11
100VDC 20A
+79C2115



840-00387-14
250VAC 20A
+79C 2123





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