
183

Trinasolar
L01230501525904

Trinasolar
TSM-420NE09RC.05

Maximum Power	(Pmax)	420W *
Maximum Power Voltage	(Vmp)	42.8V
Maximum Power Current	(Imp)	9.80A
Open Circuit Voltage	(Voc)	50.9V *
Short Circuit Current	(Isc)	10.43A *
Maximum Series Fuse		25A
Power Selection		0 ~+5W
Module Application		Class A
Maximum System Voltage		IEC1500V/UL1500V

*(Considering LID, the power range of the certification authority)
tolerance (Pmax) ±3%, (Voc) ±3%, (Isc) ±4%)
Electrical Rating At STC AM=1.5 IRRADIANCE=1000W/m² Temp =25°C

For field connections, use minimum 4mm² (No. 12AWG)copper wires insulated for a minimum 90°C

WARNING-ELECTRICAL HAZARD
This module produces electricity when exposed to light.
Follow all applicable electrical safety precautions.

- Module Fire resistance rating Class C (for CSA C22.2 No.61730)and module fire performance Type 1 for UL61730
- System Fire Class Rating: See Installation Instructions for Installation Requirements to Achieve a Specified System Fire Class Rating with this Product(Classe nominale du systeme contre l'incendie : Voir les instructions d'installation)
- See module literature for appropriate mating connectors. (Voir la documentation du module concernant les connecteurs appropries.)

c UL us LISTED
Photovoltaic Module over 600 volts
E306515
Standard No:UL 61730
CSA C22.2 No.61730

EU-2R WEEE COMPLIANT

www.trinasolar.com
Assembled in Vietnam


TESLA









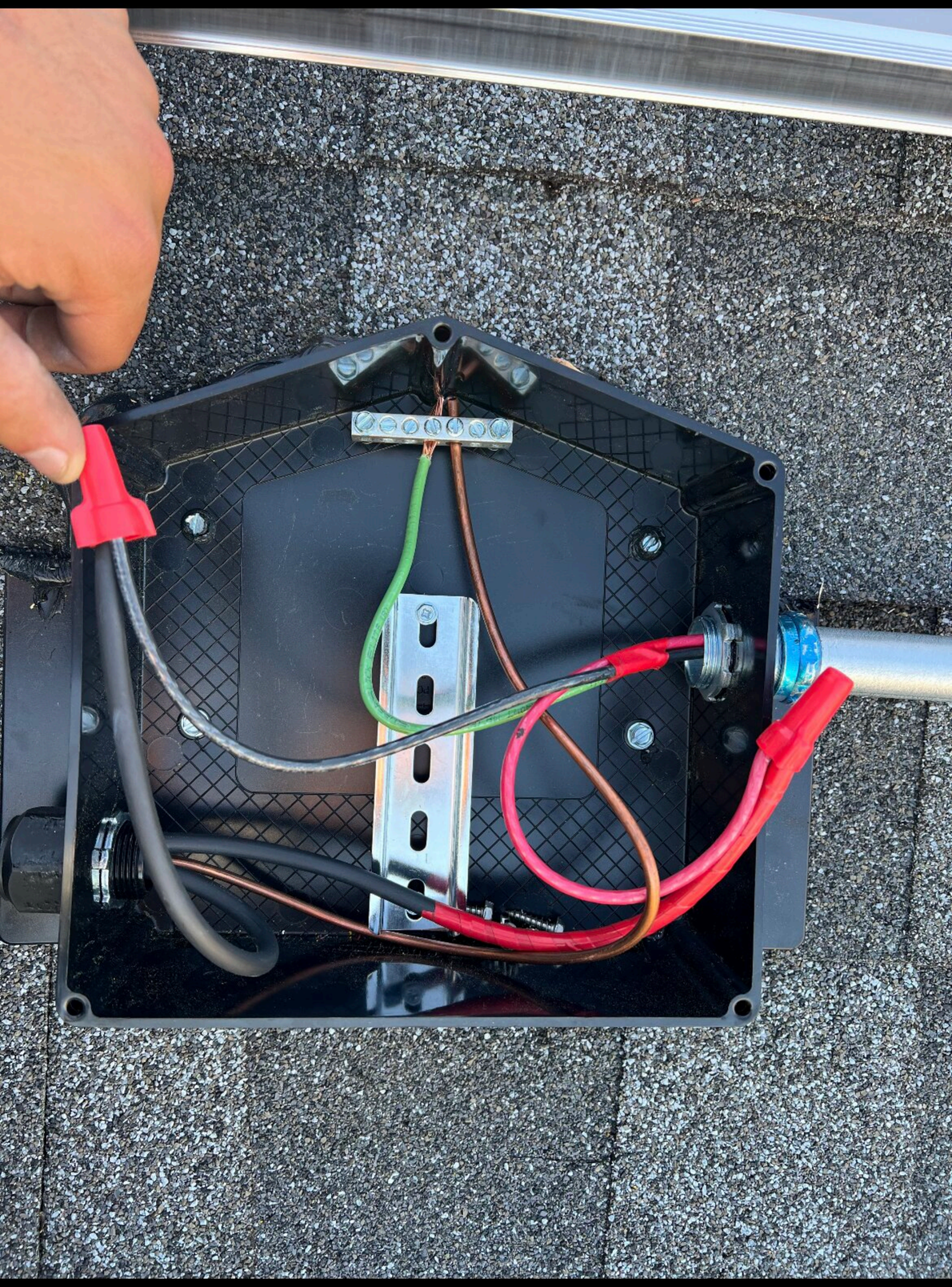




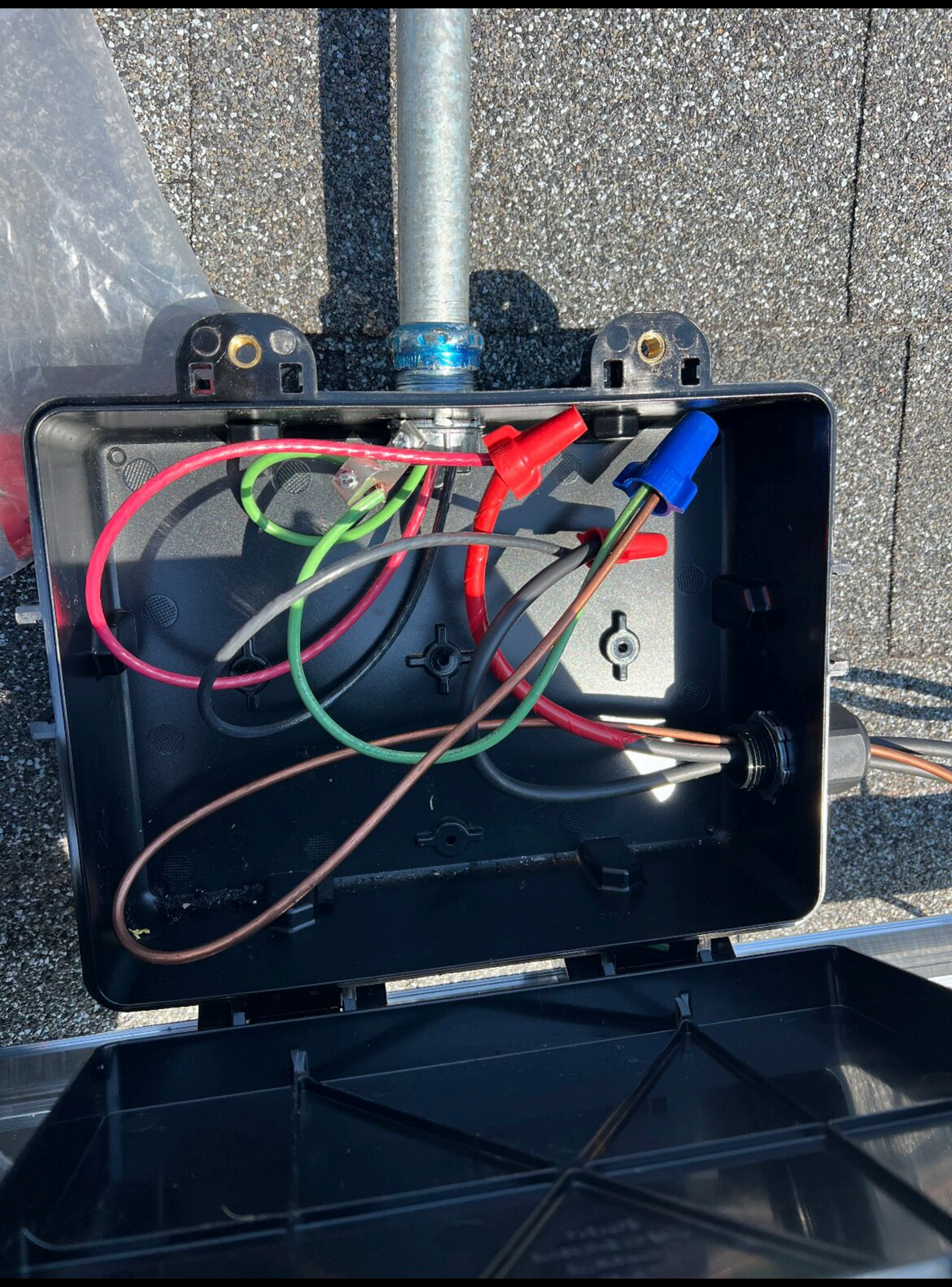




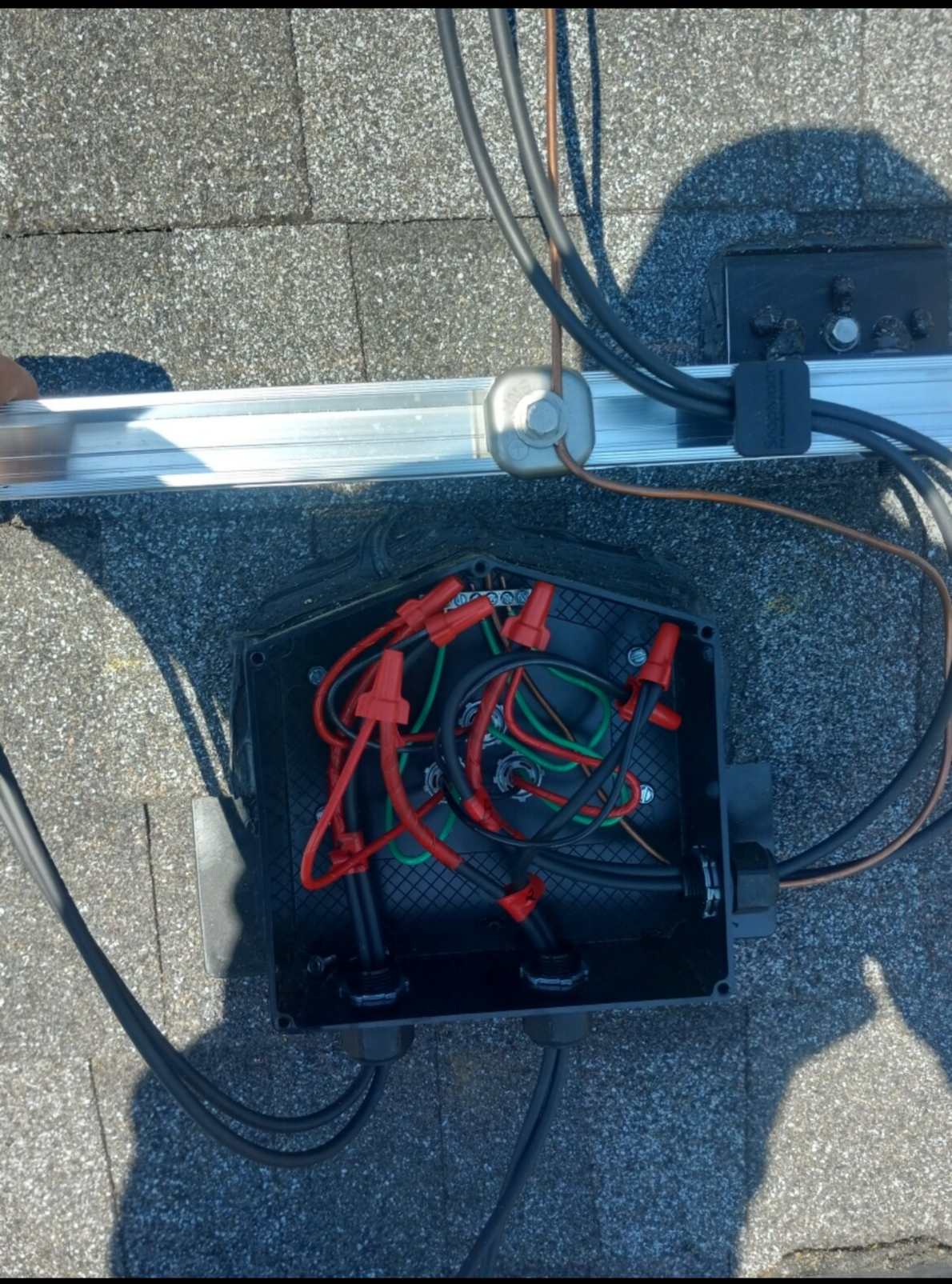





SnapNrack
Solar Mounting Solutions








TECHSHIELD

WARNING: PHOTOVOLTAIC POWER SOURCE
PHOTOVOLTAIC POWER SOURCE

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PHOTOVOLTAIC POWER SOURCE


FOCUS AXR-SD
CENTRAL EMC
EATON
ON
DANGER
PELIGRO
RAPID SHUTDOWN
PV ARRAY
PHOTOVOLTAIC SYSTEM
AC DISCONNECT
OPERATING VOLTAGE 240 VOLTS
OPERATING CURRENT 39.6 AMPS
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
TESLA
INVERTER
PHOTOVOLTAIC POWER SOURCE

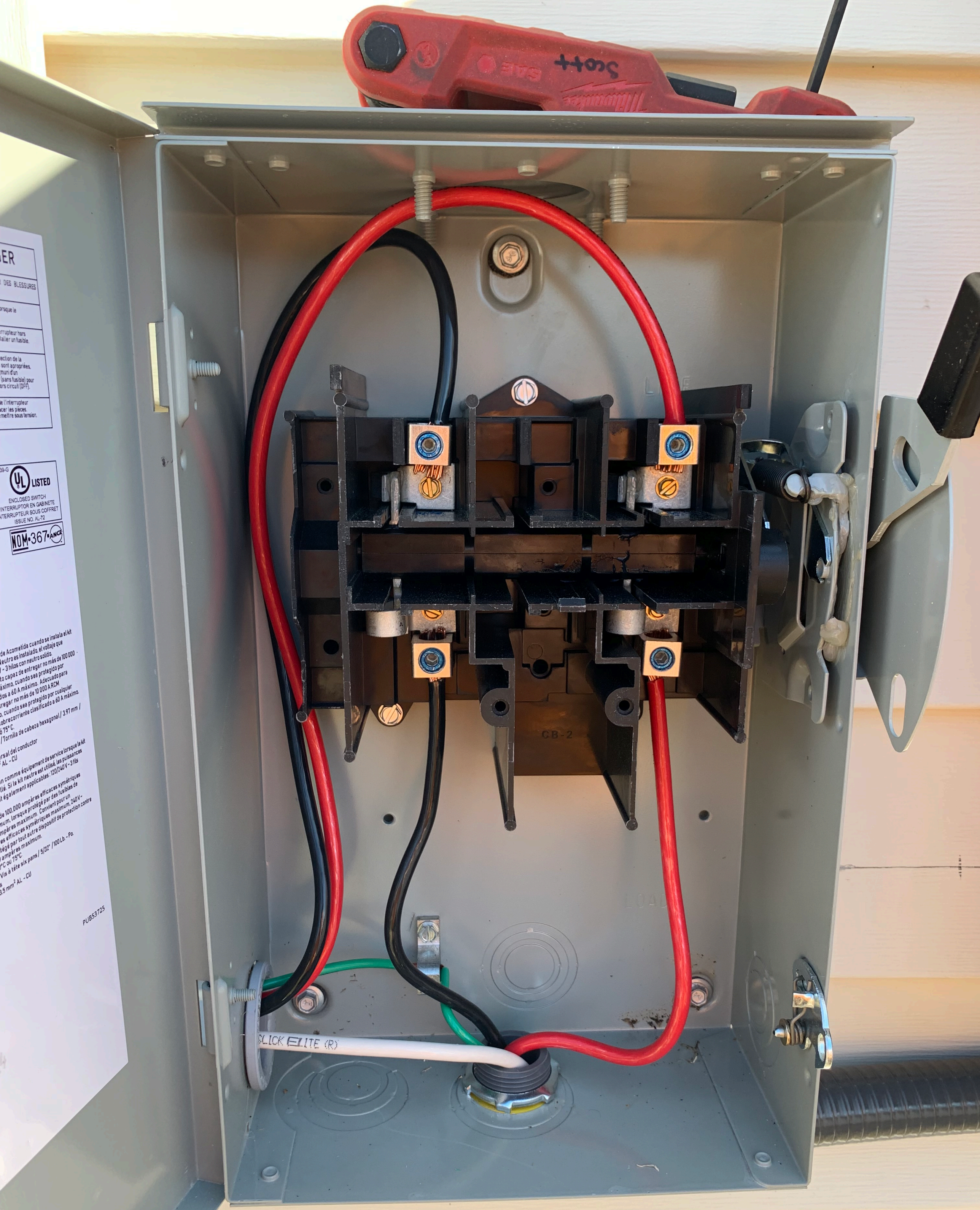
DC BRUSHLESS
MODEL PFR1212DHE
DC12V 5.2A GSE
3919F74R
PAT.
DELTA ELECTRONICS, INC.
MADE IN CHINA

A380 XS 2
1535843-00-D

PN: 1112484-14-A
Short ID: 30809
S/N: YAM0626484846

USE COPPER CONDUCTORS ONLY
<- DC ISOLATING DEVICE
DO NOT DISCONNECT
UNDER LOAD
1- 2- 3- 4- GND X4
1+ 2+ 3+ 4+
L1 L2
AC BREAKER MUST
BE OPEN FOR AC
ON PV WIRING

SUPPORTED DC WIRING CONFIGURATIONS
WIRE COMBINED STRINGS (JUMPERS) WIRE INDEPENDENT STRINGS
A Jumpers connect [1 to 2] or [3 to 4]
B When jumpers are in place, terminate combined strings here
C Remove jumper and terminate independent strings
Combined strings must have equal quantity of panels
Strip Length Scale
0.4" 0.7"
Solar DC and Comms
Comms: 18-16 AWG
Solar DC: 12-8 AWG
AC Power and GND
Ground: 12-4 AWG
AC Power: 8-6 AWG
UP TO FOUR INDEPENDENT STRINGS
FOUR COMBINED STRINGS
TWO INDEPENDENT STRINGS,
TWO COMBINED STRINGS
ONE INDEPENDENT STRING,
ONE COMBINED STRING
Scan QR to
Commission
SSID:TEG-70Y
DIN-1538000-45-D--GF224268000Z0Y


LISTED
ENCLOSED SWITCH
INTERRUPTOR EN GABINETE
INTERRUPTEUR SOUS COFFRET
ISSUE NO. AL-72
NOM-367-ANCE
PUB53725
CB-2
CLICK ELITE (R)

MAIN DISCONNECT
INTERRUPTOR PRINCIPAL

ELECTRIC HEAT ATTIC

ELECTRIC HEAT ATTIC

TESLA SOLAR

DO NOT RELOCATE THIS OVERCURRENT DEVICE

ELECTRIC HOT WATER

ELECTRIC HOT WATER

AIR CONDTION 1

AIR CONDTION 1

RANGE

RANGE

⚠ DANGER

HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH.
Turn OFF power supplying this equipment before working inside.
TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.
Couper l'alimentation électrique de cet équipement avant d'y effectuer des travaux.

⚠ PELIGRO

VOLTAJE PELIGROSO. CAUSA HERIDAS SEVERAS O MUERTE.
INTERRUMPA el suministro de energia que alimenta este equipo antes de trabajar en el interior del mismo.

30-17431-2 REV. E1

