



11 BA 9 BA 7 BA 5 BA 3 BA 1 BA

60 On/I

OFF/O
EATON
Type BR260
Type C260
120 / 240 V ~
CU/A
HACR Type
2 Pole J969
ET819 - T
LR3556 Disj.

60 On/I

OFF/O
Common Trip

20

EATON
TEST
BR
DUAL FUNCTION
COMBINATION
AFCI/GFCI
LOAD
NEUTRAL
LOAD
POWER

20

EATON
TEST
BR
DUAL FUNCTION
COMBINATION
AFCI/GFCI
LOAD
NEUTRAL
LOAD
POWER

15

EATON
TEST
BR
DUAL FUNCTION
COMBINATION
AFCI/GFCI
LOAD
NEUTRAL
LOAD
POWER

2 AB
4 AB
6 AB
8 AB living
10 AB bedrm
12 AB lights

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS 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 24 AMPS
NOMINAL OPERATING
AC VOLTAGE 240 VOLTS

WARNING
Fiber optic
cable















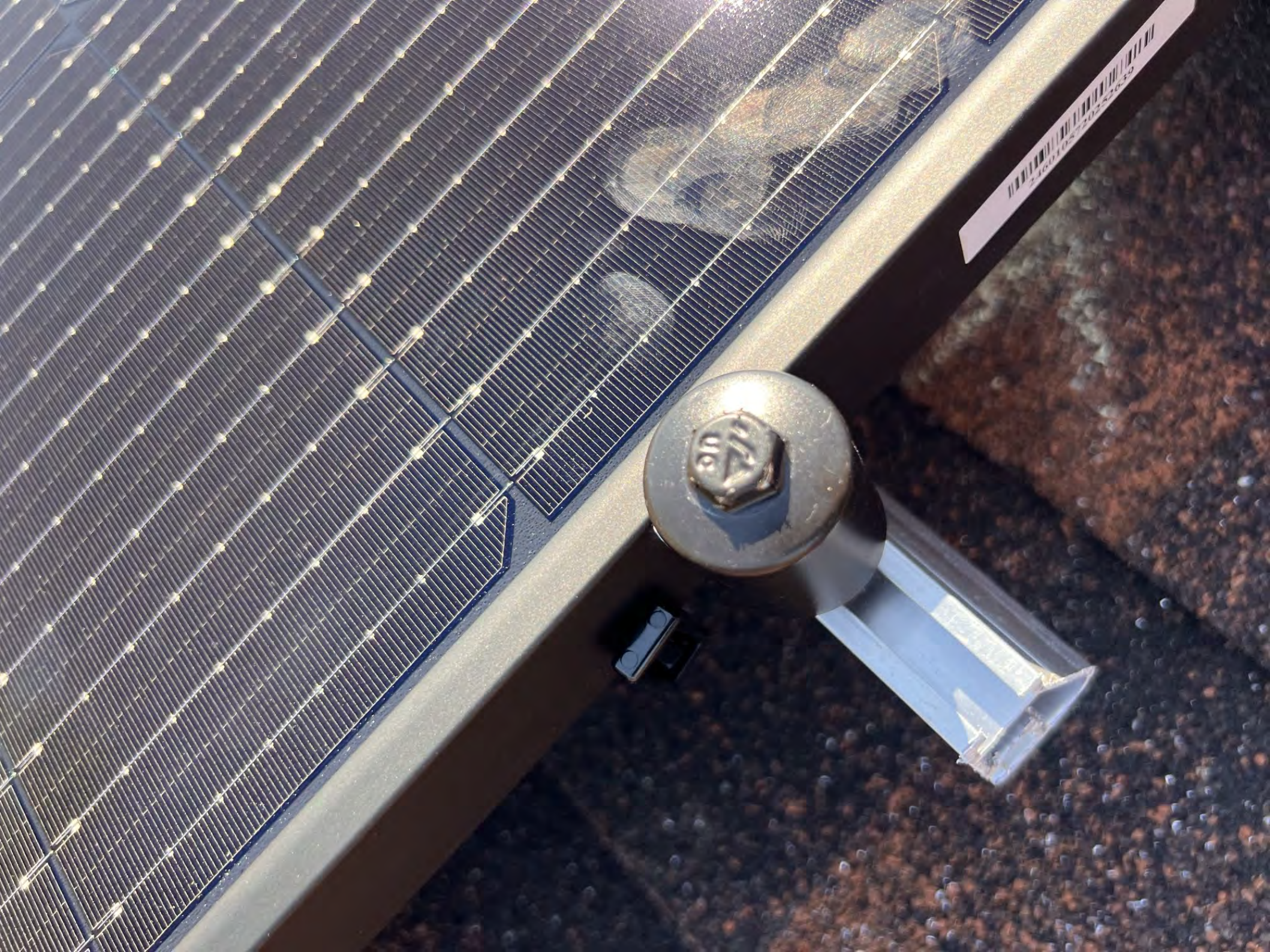




















Katie Hall
300 W C St. Erwin, NC 28339
SI-12-Red

WARNING! ⚠
DO NOT TOUCH THE SURFACE OF THE UNIT OR THE
SURFACE OF THE CONNECTED CABLES. THE EQUIPMENT
IS NOT DESIGNED TO BE OPERATED IN A MOUNTAIN
OR OTHER AREA WHERE THE SURFACE OF THE
CABLES IS EXPOSED TO THE SURFACE OF THE
EQUIPMENT.

REFER TO INSTALLATION MANUAL
FOR THE 200 TO 250 INCHES
FOR ALL HIGH VOLTAGE & BOLTING TO THE
CONNECTIONS TO THE STANDARD 2745

<https://www.solar.com/usa>





Kate Hall
W.C. St. E. Hwy, Nc 28334
S. Hall





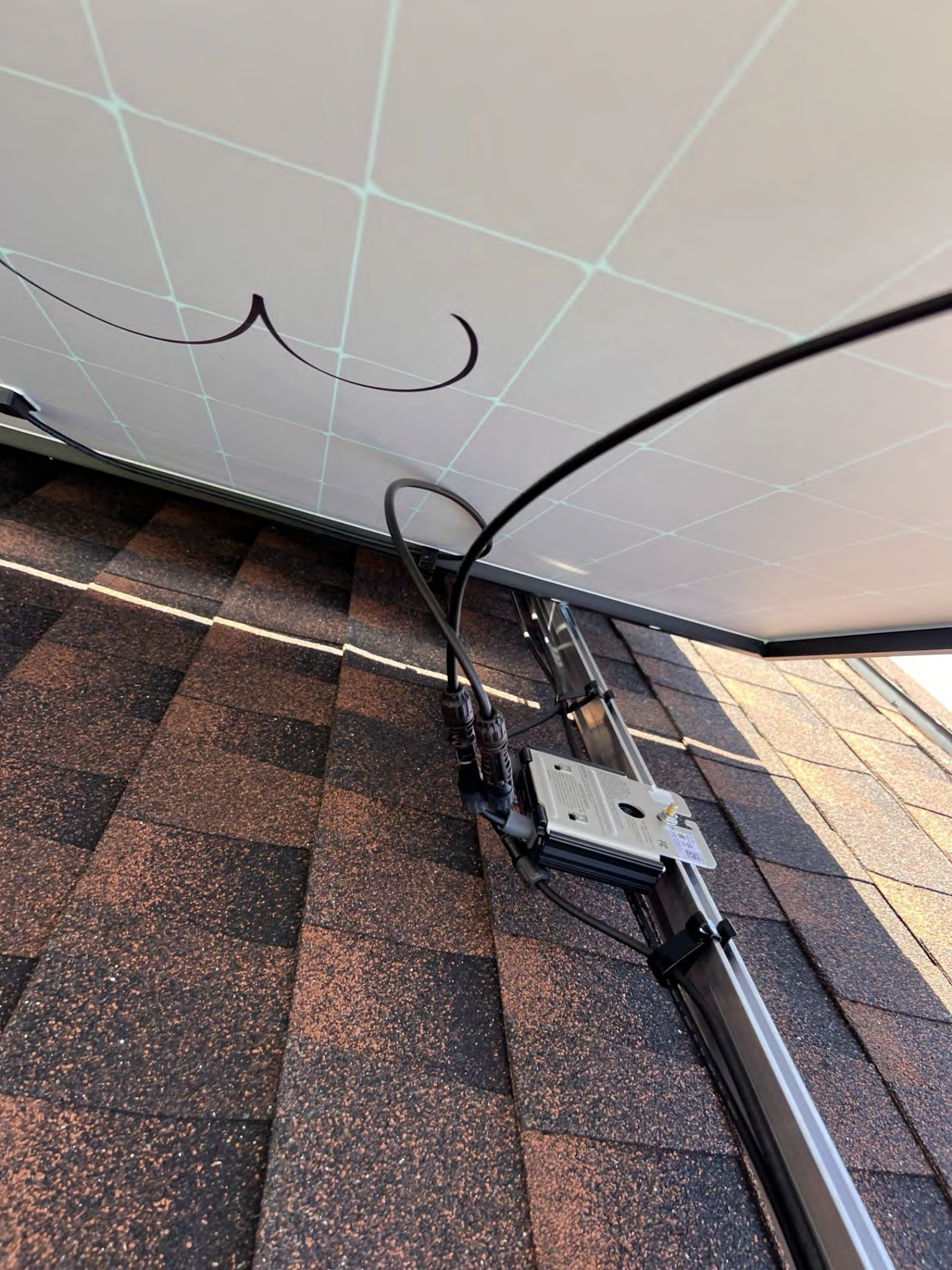
PHOTOVOLTAIC POWER SOURCE

SUN-RES

PREPARED TO BE TIGHT CONTACT THE

DO NOT USE IN THE CABLE









CAUTION
WARNING
AVERTISSEMENT















JASOLAR 晶澳
Crystalline Silicon Photovoltaic Modules

WARNING **Avvertimento** **Electrical Hazard** **Risque électrique**
This unit produces electricity if exposed to light.
Cetle unité produit de l'électricité si elle est exposée à la lumière.
Do not disconnect under load. Ne débranchez pas en charge.

Lai G, Quang Chau Industrial Zone, Quang Chau Commune,
Vinh Yen Dist, Bac Giang Province, Viet Nam



Conforms to UL Std 61730-1/-2 UL Std 61215-1/-1-1/-2
Certified to CSA Std. C22.2 #61730-1/-2

Field Wiring: Copper only 12AWG min
Insulated for 90°C min.

Connector mating: See module installation
instructions for appropriate mating connectors

All technical data at standard test condition:
AM=1.5 E=1000W/m² Tc=25°C

System Fire Class Rating: See Installation Instructions for
Installation Requirements to Achieve a Specified
System Fire Class Rating with this Product.

Intertek
5020189



TYPE

Peak power (Pmax)	405 W
Open circuit voltage (Voc)	37.23 V
Max.power voltage (Vmp)	31.21 V
Short circuit current (Isc)	13.87 A
Max.power current (Imp)	12.98 A
Power Selection	±2 %

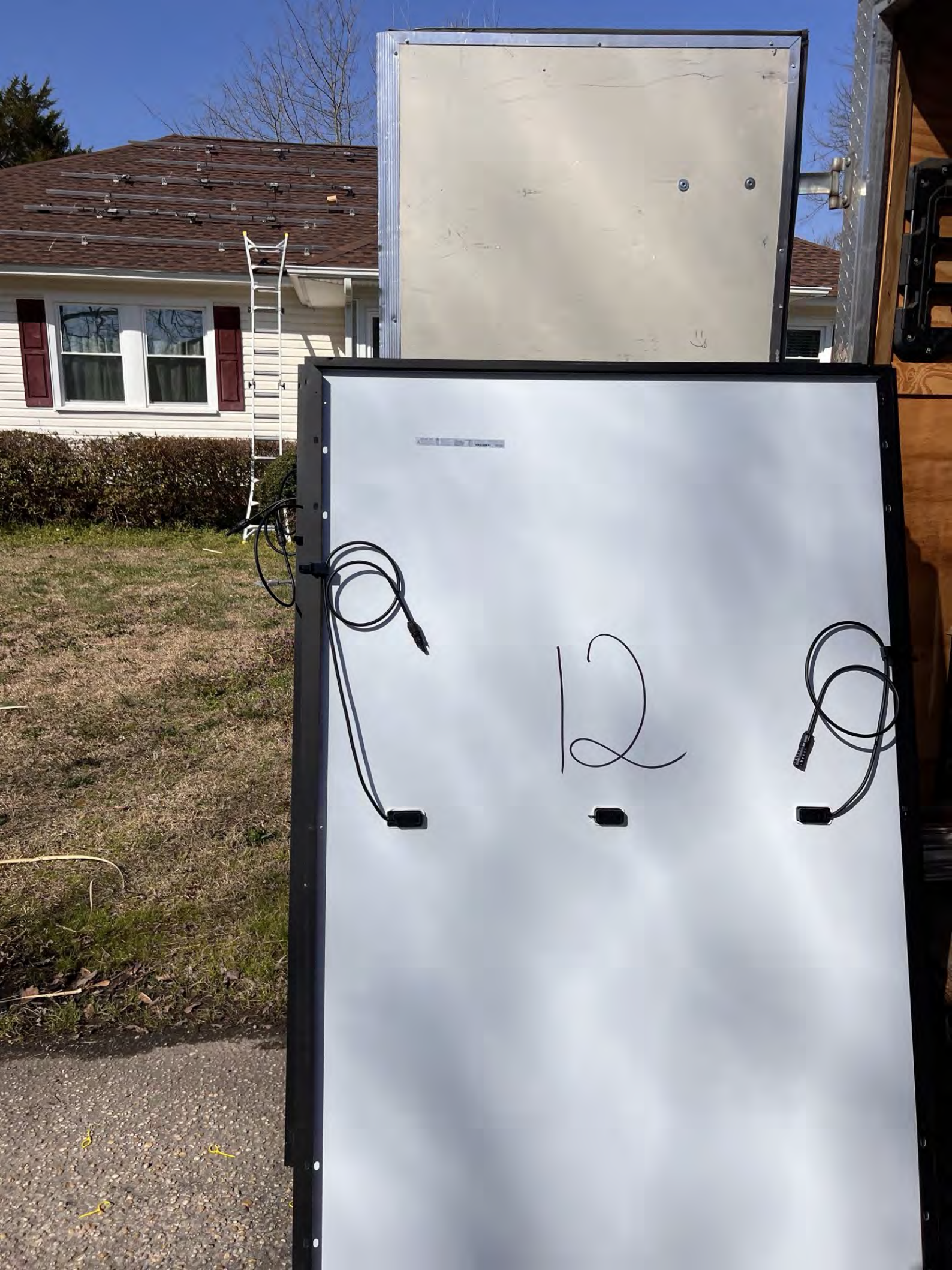
JAM54S31-405/MR

Power production tolerance: ±3%
Open circuit voltage tolerance: ±3%
Short circuit current tolerance: ±4%
Maximum system voltage: 1500 V

Module fi
Safety cl
Maximu



2460105720252860





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6F





8763FE3-B0











Do Not Remove
1802D7A8-9C
SolarEdge Technologies Ltd.
SolarEdge Technologies GmbH/
Werner-Eckert-Str. 6/81829 Munich/Germany



SolarEdge Technologies Ltd.

Power Optimizer

Solaredge Technologies GmbH/
Werner-Eckert-Str. 6/81829
Munich/Germany

CAUTION

HOT 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.



DO NOT REMOVE
REMOVING THIS LABEL MAY VOID THE WARRANTY

FC

SolarEdge Technologies, Ltd.
Power Optimizer

CAUTION
HOT SURFACES
DO NOT TOUCH
THE SURFACE OF THE MODULE
WHILE IT IS OPERATING
OR IMMEDIATELY AFTER
OPERATION. TO AVOID BURNING
INJURY, WAIT AT LEAST 5 MINUTES
BEFORE TOUCHING THE MODULE.

WARNING

AVERTISSEMENT
RISQUE DE BLESSURE PAR CHAUFFEMENT
NE PAS TOUCHER LA SURFACE DU MODULE
PENDANT SON FONCTIONNEMENT, NI
IMMÉDIATEMENT APRÈS SON ARRÊT.
ATTENDRE AU MOINS 5 MINUTES
AVANT DE TOUCHER LE MODULE
POUR ÉVITER LES BLESSURES PAR
BRÛLURE.

1000VDC













DC Output: 440W/5-60V/15A
DC Input: 8-60V/14.5A
Open Circuit Voltage: 1V
NA03 SM2623-0180315A7-D7
Mexico S440-1GM4MRM



0180315A7-D7



Do Not
Remove



180315A7-D7



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



CAUTION

HOT 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.

SolarEdge Technologies Ltd.
Power Optimizer

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

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STOP

Do not disconnect under load



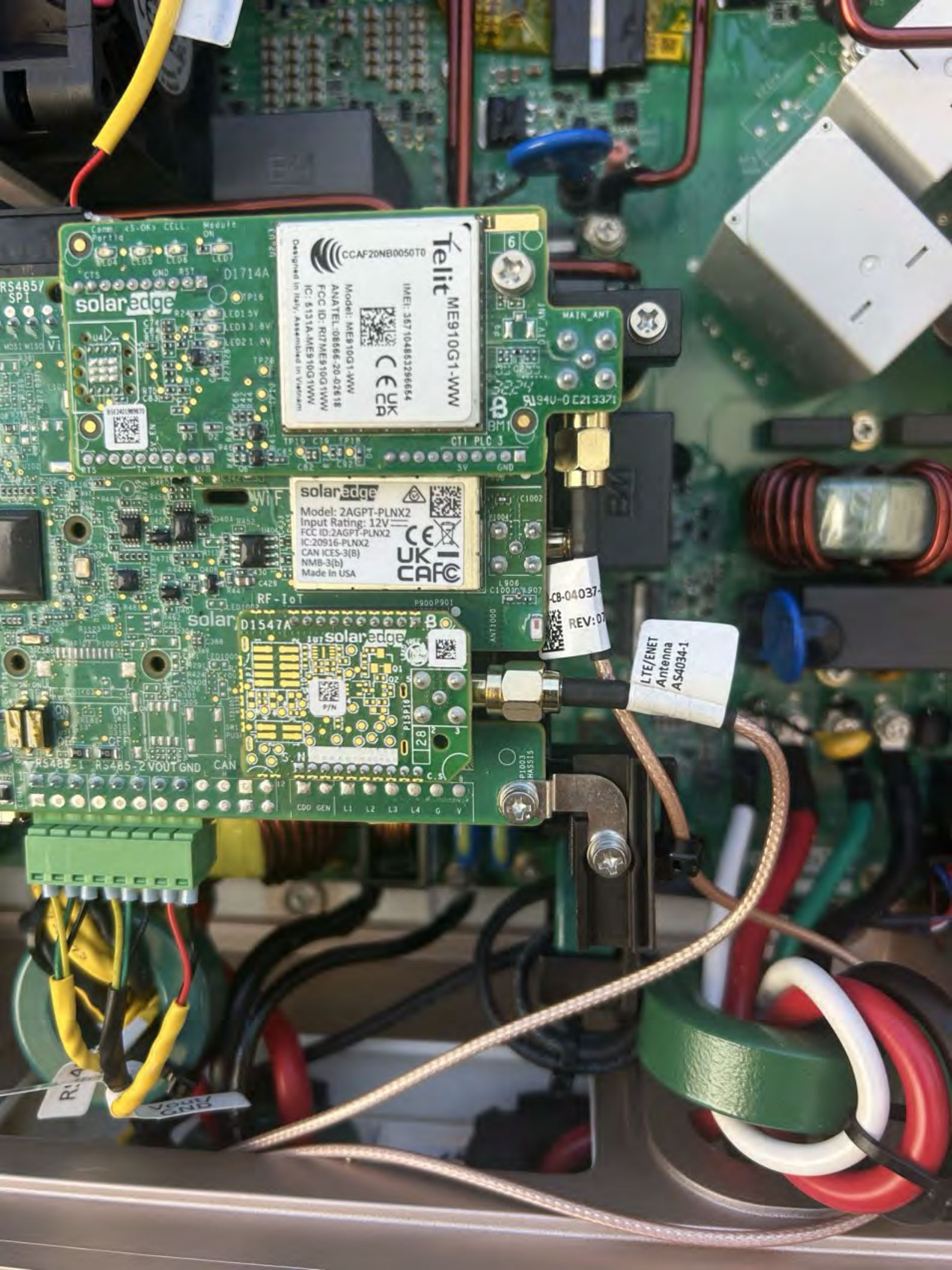












CCAF20NB0050T0
Telit
ME910G1-WW
IMEI: 35710485328654
Model: ME910G1-WW
ANATEL: 08666-20-02818
FCC ID: R17ME910G1WW
IC: 6131A-ME910G1WW
Designed in Italy / Assembled in Vietnam
CE UK CAFE

solar edge
Model: 2AGPT-PLNX2
Input Rating: 12V
FCC ID: 2AGPT-PLNX2
IC: 20916-PLNX2
CAN ICES-3(B)
NMB-3(b)
Made in USA
CE UK CAFE

solar edge
RF-IoT
D1547A
P/N
S/N
C00 GEN L1 L2 L3 L4 G V

CB-04037
REV: 01

LTE/ENET
Antenna
AS4034-1

R10

Vout GND



**KLEIN
TOOLS**

VDC
0.12



GFCI

**TOUGH METER
IP53**

**ET250 VOLTAGE TESTER
CAT IV 600V**

COM

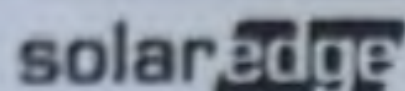
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COM









StorEdge Connection Unit

Max DC Voltage (PV/Battery)	480 Vdc
Max DC Current (PV)	62 Adc
Max DC Power (PV)	23.2 kWdc
Max Continuous DC Current (Battery)	31 Adc
Max Continuous DC Power (Battery)	11.6 kWdc
Max AC Voltage	264 Vac
AC-Single Phase Frequency	50/60 Hz
Max AC Current (Grid)	48 Aac

For more details refer to the installation guide

Patent marketing notice: see WWW.SOLAREEDGE.COM/patent

DCD-1PH-US-P2H-F-C

PN:

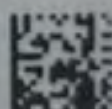
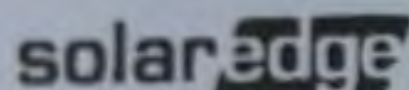


SB0125-191D2BAA6-C3

SN:



MADE IN THE U.S.A FROM IMPORTED PARTS



StorEdge Connection Unit

Max AC Current (Smart EV Charger)	40 Aac
Max Continuous Output Power (Smart EV Charger)	9600 W
Max Battery Energy Storage	32 kWh
Number of AC phases	L1, L2, N
Maximum AC short circuit current	74 Aac
Weight	30.2/ 13.7 lbs/kg
Ambient Temperature:	- 40°C ..60°C
Enclosure Rating:	IP65 / Type 4X

For more details refer to the installation guide

Patent marketing notice: see WWW.SOLAREEDGE.COM/patent

Use 90°C copper PV Wires only.

Revenue Grade ANSI C12.20

PHOTOVOLTAIC RAPID SHUTDOWN SYSTEM

DCD-1PH-US-P2H-F-C

PN:



SB0125-191D2BAA6-C3

SN:



MADE IN U.S.A FROM IMPORTED PARTS



...ent of
...y. Refer to manufacturer's
structions for more information.

solar edge SE5700H - US
Grid Support Utility Interactive Non-Isolated
Photovoltaic Inverter With stand - alone Mode
Operating Voltage Range 270 - 480 Vdc
Max Input Current 31 Adc
Max Continuous Output Power Grid connected 5700Wac @ 240V
Max Continuous Output Power and Current stand-alone 7.6 KVA 32A
Voltage Min - Nom - Max 11.4 KVA 48A
Max stand-alone Capacity 211 - 240 - 264 Vac
Max Continuous Output Current Grid Connected 183 - 200 - 229 Vac
Max Output Fault Current 11.4 KVA
Max Utility Backfeed Current 24Aac
Frequency Min - Nom - Max 74 Aac
Output Power Factor 0 Aac
Max Ambient Temperature 59.3 - 60.8 - 60.5 Hz
Enclosure +/- 0.85 - 1
With integrated ground fault protection per NEC 690.35 (C)
Type 1 Photovoltaic Arc - Fault Circuit - Protection
ATTENTION: The maximum operating current of this system may be controlled
electronically. Refer to manufacturer's instructions for more information.

Fi-Fi Password:
2EBFbc9
Activation:
q+r BgvS IOFF eSrS Tezb 1Miv rt4 =
FiFi MAC:
4:D6:CS:A3:4D:83
N: JSE5700H-USMNB175
N: SB0125-0750F1D42-E3



solar edge



**PHOTOVOLTAIC RAPID
SHUTDOWN SYSTEM**

solar edge



ETL LISTED
CONFORMS TO
ANSI/UL 1741
CERTIFIED TO
CAN/CSA
C22.2 NO 107
Grid Support Interactive Inverter - CSA C22.3
No. 9 - Basic - 9 - Supplemental
CSA C22.3 No. 9 - Supplemental
Contains FCC ID: 240P1-PNLK, IC: 20816-PNLK. The enclosed device complies
with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device must not cause harmful interference.
(2) this device must accept any interference received,
including interference that may cause undesired operation.
PATENT MARKING NOTICE: SEE www.solar-edge.com/patent
Made in the USA from Imported Parts

Intertek
4004590



solaredge

Made in USA 
from imported parts

DC DISCONNECT

ON

OFF



solar**edge**

PHOTOVOLTAIC POWER SOURCE







BI-N Backup Interface

Voltage Min-Nom-Max:	211Vac 240Vac 264Vac
AC Single Phase Nominal Frequency:	60Hz
Max grid current:	200Aac
Max service panel output current:	200Aac
Max Continuous Inverter Input current (per inverter):	48Aac
Max Continuous Generator Input current:	94Aac
Ambient Temperature:	- 40..50°C
Enclosure:	IP44/NEMA 3R

For more details refer to the installation guide



PN: BI-NUSGN-02



SN: SJ1123-06302DA3C-7B



Made In China

17-119
SOLAR-EDGE

AC POWER FAULT

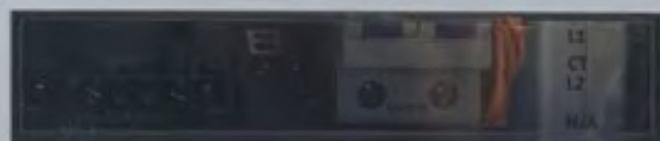
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INVERTERS

3

2

1



BATTERY TRANSFER SWITCH

BACK-UP INTERFACE



 DANGER	 PELIGRO	 DANGER
HAZARDOUS VOLTAGE WILL CAUSE SEVERE INJURY OR DEATH	VOLTAJE PELIGROSO PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE	TENSION DANGEREUSE POUR CAUSER DES BLESSURES GRAVES OU LA MORT
Never operate switch with cover open	Nunca opere el interruptor con la cubierta abierta.	Ne jamais manœuvrer l'interrupteur lorsque la couverture est ouverte.
If fused, turn OFF switch before removing or installing fuses.	Si el interruptor usa fusibles, baje su potencia a la posición "OFF" antes de retirar e instalar fusibles.	Si est fusion d'un fusible, mettez l'interrupteur hors circuit "OFF" avant d'enlever ou d'installer un fusible.
Always use a properly rated voltage sensing device at all line and load side fuse clips (if fused) or load side terminals (if non-fused) to confirm switch is OFF.	Mida el voltaje con un dispositivo de medición adecuada en lado de carga de los clips de fusibles (si los usa) o en las terminales de carga (cuando no usa fusibles) para confirmar que el interruptor está desenergizado.	Toujours utiliser un dispositif de détection de la tension dont les valeurs maximales sont appropriées, et le côté chargé du pôle-fusible (muni d'un fusible) ou les bornes côté charge (sans fusible) pour confirmer que l'interrupteur est hors circuit (OFF).
Turn OFF power ahead of switch before doing any work inside. Replace all parts. Close cover before turning power ON.	Desconectar la alimentación del interruptor antes de trabajar dentro del mismo. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el interruptor.	Couper l'alimentation en amont de l'interrupteur avant toute intervention. Remplacer les pièces. Fermer la couverture avant de remettre sous tension.

DG222NRB

Series II
GENERAL DUTY SAFETY SWITCH
Type 3R Enclosure - Rainproof

TERMINALS SUITABLE FOR AL-CU WIRE.

INTERRUPTOR DE SEGURIDAD DE SERVICIO GENERAL.
Gabinete NEMA 3R - A Prueba De Lluvia

TERMINALES ADECUADAS PARA CONDUCTORES DE AL-CU.

INTERRUPTEUR DE SÉCURITÉ À USAGE GÉNÉRAL.

Enveloppe De Type 3R - À L'épreuve De La Pluie

BORNES CONVENANT POUR CONDUCTEURS AL-CU.

60 Amperes 120/240, 240, 127/220 V ~ 60Hz 3W 5/N, 3H N/S, 3F N/S

Horsepower Ratings	KW (Caballlos de potencia)		Régimes "Horsepower"		
	1 Phase/1 Fase		3 Phase/3 Fase *		2 Pole/2 Polo **
Volts / Tension / Voltage	Std. / Est.	Max.	Std. / Est.	Max.	
120 / 127 ~	1 1/2 (1.125)	3 (2.238)	3 (2.238)	7 1/2 (5.60)	-
240 ~	3 (2.238)	10 (7.46)	7 1/2 (5.60)	15 (11.19)	-

*For grounded 3 Phase systems only.

Maximum fuse size 60A.

The starting current of motors of more than the standard horsepower ratings may require the use of fuses with appropriate time-delay characteristics. Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.

Suitable for use as service equipment.

Suitable for use on a circuit capable of delivering not more than 100,000 RMS symmetrical amperes, 240 V - maximum, when Class R fuses are used. Fuse kit DS16FK is required for R fuses.

DANGER - Unless Class R fuses are used, this switch may present a risk of fire and personal injury if installed on circuits capable of delivering more than 10,000 RMS symmetrical amperes.

When used with Class K or H fuses, suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes, 240 volts maximum.

Experience has shown that renewable fuses can cause overheating problems and thus the use of renewable fuses is not recommended.

Use 60°C or 75°C wire.

Lug torque / Hex across flats / 5/32" / 100 LB. - In

Wire range

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

Accessories

Install per instructions supplied with kit.

R fuse kit: DS16FK

Ground lug kit: DG030GB

Neutral kit: DG100NB

3/4" (19.05mm) Hub size DS075H1

1" (25.40mm) Hub size DS100H1

1 1/2" (38.10mm) Hub size DS125H1

1 3/4" (38.10mm) Hub size DS150H1

2" (50.80mm) Hub size DS200H1

Accessories

Instalar de acuerdo a instrucciones incluidas en los accesorios.

Juego adaptador para fusible tipo "R": DS16FK

Juego de partes para terminal de tierra: DG030GB

Juego de neutro: DG100NB

3/4" (19.05mm) Tamaño de copia: DS075H1

1" (25.40mm) Tamaño de copia: DS100H1

1 1/2" (38.10mm) Tamaño de copia: DS125H1

1 3/4" (38.10mm) Tamaño de copia: DS150H1

2" (50.80mm) Tamaño de copia: DS200H1

Accessories

Installer conformément aux directives fournies avec l'ensemble.

Ensemble pour fusible R: DS16FK

Ensemble de bornes de MALT: DG030GB

Ensemble de neutres: DG100NB

3/4" (19.05mm) Calibre des manchons: DS075H1

1" (25.40mm) Calibre des manchons: DS100H1

1 1/2" (38.10mm) Calibre des manchons: DS125H1

1 3/4" (38.10mm) Calibre des manchons: DS150H1

2" (50.80mm) Calibre des manchons: DS200H1

EATON



*Sólo para sistemas con falla a tierra en fase B.

Adecuado para usarse como equipo de acometida.

Tamaño máximo de fusible de 60 amperes.

La corriente de arranque de motores con capacidad mayor a los caballos de potencia estándar puede requerir del uso de fusibles con características de retardo de tiempo apropiadas.

La corriente de carga continua no debe exceder el 80% de la capacidad del fusible empleado, con excepción de los circuitos de motores.

Adecuado para usarse en circuitos capaces de entregar no más de 100 000 A RCM simétricos, con 240 V - máximo, cuando se utilizan fusibles clase R. El juego adaptador de fusibles DS16FK se requiere para fusibles clase R.

PELIGRO - A menos que se utilicen fusibles clase R, este interruptor puede presentar riesgos de incendio y daño personal si es instalado en circuitos con capacidad de entregar más de 10 000 A RCM simétricos. Cuando se utiliza con fusibles clase K o H, es adecuado para usarse en circuitos con capacidad de entregar no más de 10 000 A RCM simétricos, con 240 V - máximo.

La experiencia muestra que los fusibles renovables pueden causar problemas de sobrecalentamiento, por lo tanto, el uso de fusibles renovables no es recomendable.

Usar conductores para 60°C o 75°C.

Par de apriete de terminales / Tornillo de cabeza hexagonal / 3/32" / 100 lb. in

Rango de la sección transversal del conductor:

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

*Seulement pour des systèmes de phase B MALT.

Approprié comme équipement d'entrée de service.

Calibre maximum du fusible 60A.

L'intensité de démarrage des moteurs plus élevée que pour les "horsepower" standards peut exiger l'utilisation de fusibles ayant des caractéristiques de temporisation appropriées.

Toute charge continue ne devra pas excéder 80% du calibre des fusibles utilisés sauf s'il s'agit de circuits de moteurs.

Convient à un circuit de 100,000 ampères efficaces symétriques au plus, 240 V - maximum, lorsque des fusibles de classe R sont utilisés.

Ensemble de fusible DS16FK requis pour fusibles R.

DANGER - A moins d'utiliser des fusibles de classe R, cet interrupteur peut présenter des risques d'incendie et de blessures corporelles s'il est installé dans un circuit de plus 10,000 ampères efficaces symétriques.

Si utilisé avec des fusibles K ou H, l'interrupteur sera approprié pour utilisation sur un circuit ne délivrant pas plus de 10,000 ampères RMS symétriques, 240V maximum.

L'expérience démontre que l'utilisation de fusibles renouvelables peut causer des problèmes de surchauffe et, par conséquent, ces fusibles ne sont pas recommandés.

Utiliser conducteur 60°C ou 75°C.

Torque aux bornes / Vis à tête six pans / 5/32" / 100 lb. - Po

Plage de conducteurs

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

PLB53724

EATON®

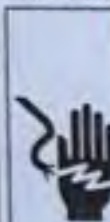
General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general

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 É.U. / Hecho en E.U.A.



⚠ DANGER

HAZARDOUS VOLTAGE, WILL CAUSE SEVERE INJURY OR DEATH.

- Never operate switch with loose wires.
- Turn OFF power ahead of switch before doing any work inside. Replace all parts. Close cover before leaving switch OFF.

TENSION DANGEREUSE, PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.

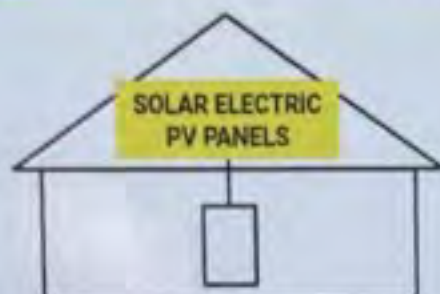
- Ne jamais intervenir l'interrupteur lorsque le couvercle est ouvert.
- Couper l'alimentation au-devant de l'interrupteur avant toute réparation. Remplacer les pièces. Fermer le couvercle avant de remettre sous tension.

⚠ PELIGRO

VOLTAJE PELIGROSO, PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.

- Nunca opere el interruptor con la cubierta abierta.
- Desconecte la alimentación del interruptor antes de cualquier reparación. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el 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 AMPS
NOMINAL OPERATING
AC VOLTAGE VOLTS

solar edge



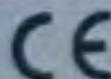
BAT-10K1P

Nominal Energy	9.7 kWh
Rated capacity	94Ah
Output Voltage (Min-Nom-Max)	350-400-450 Vdc
Continuous Output Power	5.0 kWdc
Max Continuous Output current	14.3 Adc
Peak Output Power in Backup / duration	7.5 / 10 kWdc / sec
Max short circuit current / duration	1k/10 Adc/msec
Enclosure	NEMA 3R / IP55
Operating Temperature Range	- 10°C to +50°C
Storage Temperature Range	- 30°C to +60°C
Battery Designation	ICP/46/174/134/[1P30S]E/-10+50/95

Li Ion rechargeable battery



Scan this code for
Emergency contact

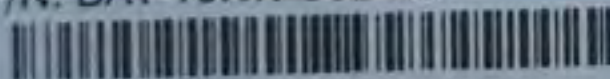


**UK
CA**

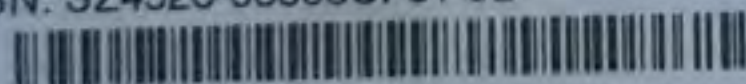


Intertek
4004990

P/N: BAT-10K1PS0B-02



SN: SZ4523-06308CF61-9B







WARRANTY INFORMATION
FOR THE USER
SEE THE USER MANUAL FOR
DETAILED INFORMATION

WARRANTY INFORMATION
FOR THE USER
SEE THE USER MANUAL FOR
DETAILED INFORMATION





solar edge

BATTERY DC DISCONNECT
RAPID SHUTDOWN



solar**edge**



F414®

Eaton

Ground Bar Kit

5 Terminal

Only for use with Eaton BRP & CHP Plug-On Neutral Loadcenters

30-42 73-44

Rev. M

GBKP5

20V

20A

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1



ENCLOSED PANELBOARD
ISSUE NO. 0133413
E-62977 30-4025

BR
PON
BONDING SCREW
TIGHTEN REQUIRED
AND NUTS REQUIRED
TIGHTEN SCREW
IN PLACE WITH 40
PLUG-ON NEUTRAL

BECK AND CO. CANADA INC.
1000 Highway 70 East
Unit 100
Richmond, B.C. V6X 1A6
Canada
Tel: (604) 273-4444
Fax: (604) 273-4445
E-mail: sales@beckandco.ca
Web: www.beckandco.ca

CAUTION: DC BATTERY CIRCUIT
CAUTION: DC BATTERY CIRCUIT
CAUTION: DC BATTERY CIRCUIT
CAUTION: DC BATTERY CIRCUIT
PASS THROUGH BRANCH CIRCUIT
OVER CURRENT PROTECTION
LOCATED AT BACK UP LOADS PANEL

ESSENTIAL LOADS PANEL













CAUTION

TRI POWER SOURCES

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

**PHOTOVOLTAIC
SYSTEM kWh METER**



 **CAUTION** 
SOLAR ELECTRIC SYSTEM CONNECTED

CAUTION
TRI POWER SOURCES
SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

**PHOTOVOLTAIC
SYSTEM kWh METER**

SOLAR POINT OF INTERCONNECTION

 **CAUTION**

TRI POWER SOURCES

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

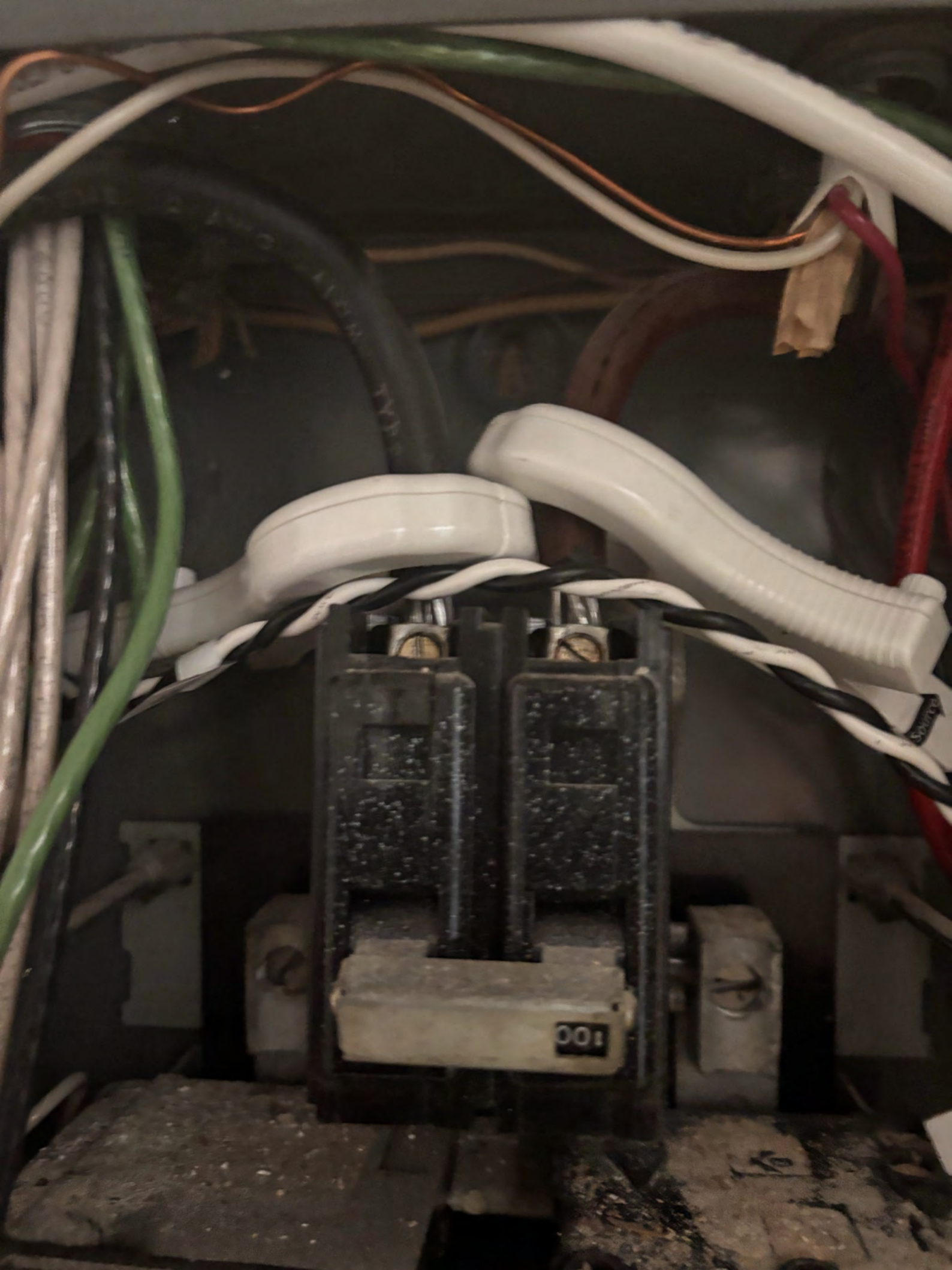
 **WARNING**

POWER SOURCE
OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

CAUTION:

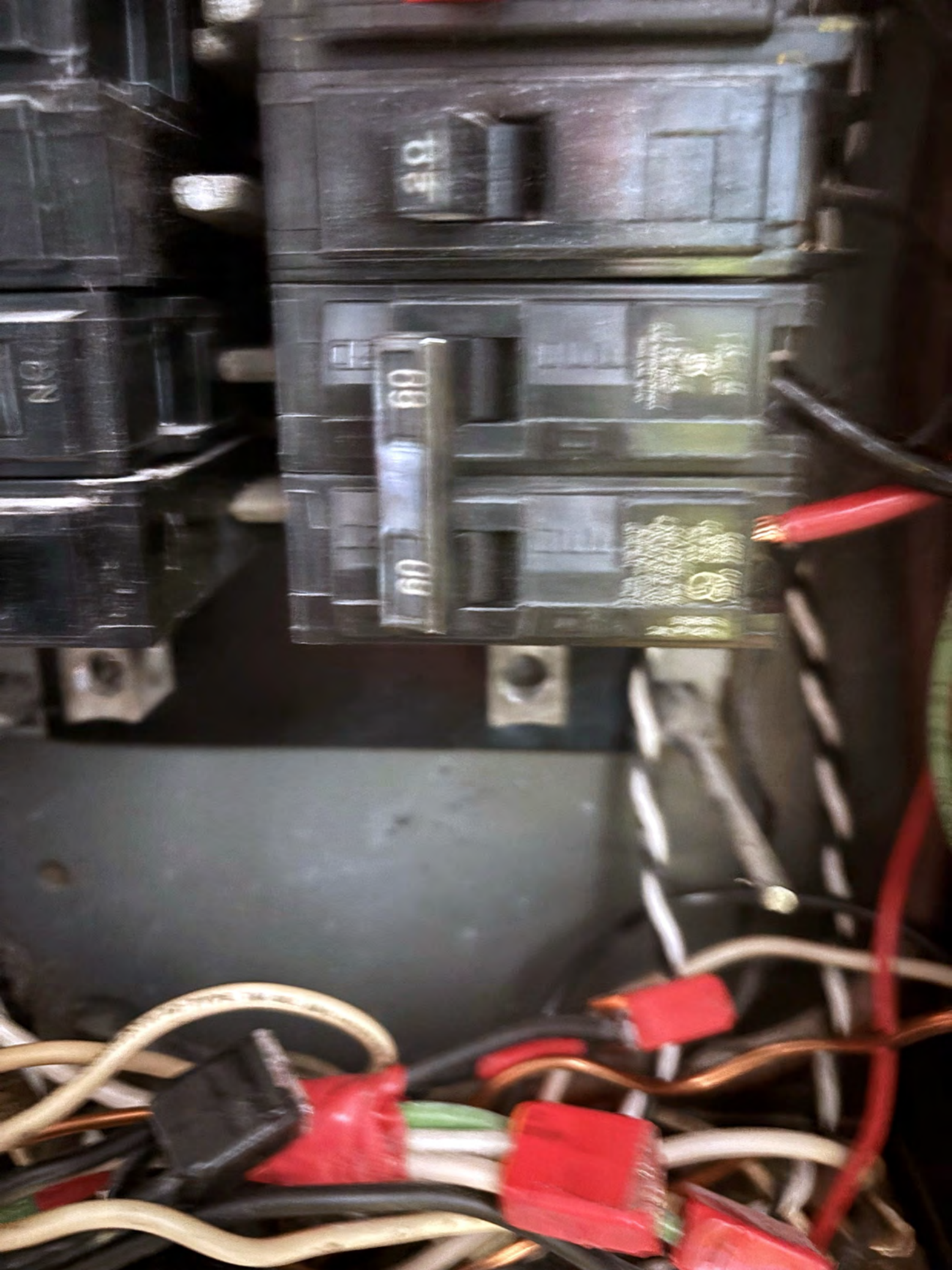
MULTIPLE SOURCES OF POWER
THE PV DISCONNECT IS LOCATED
BESIDE THE SERVICE METER















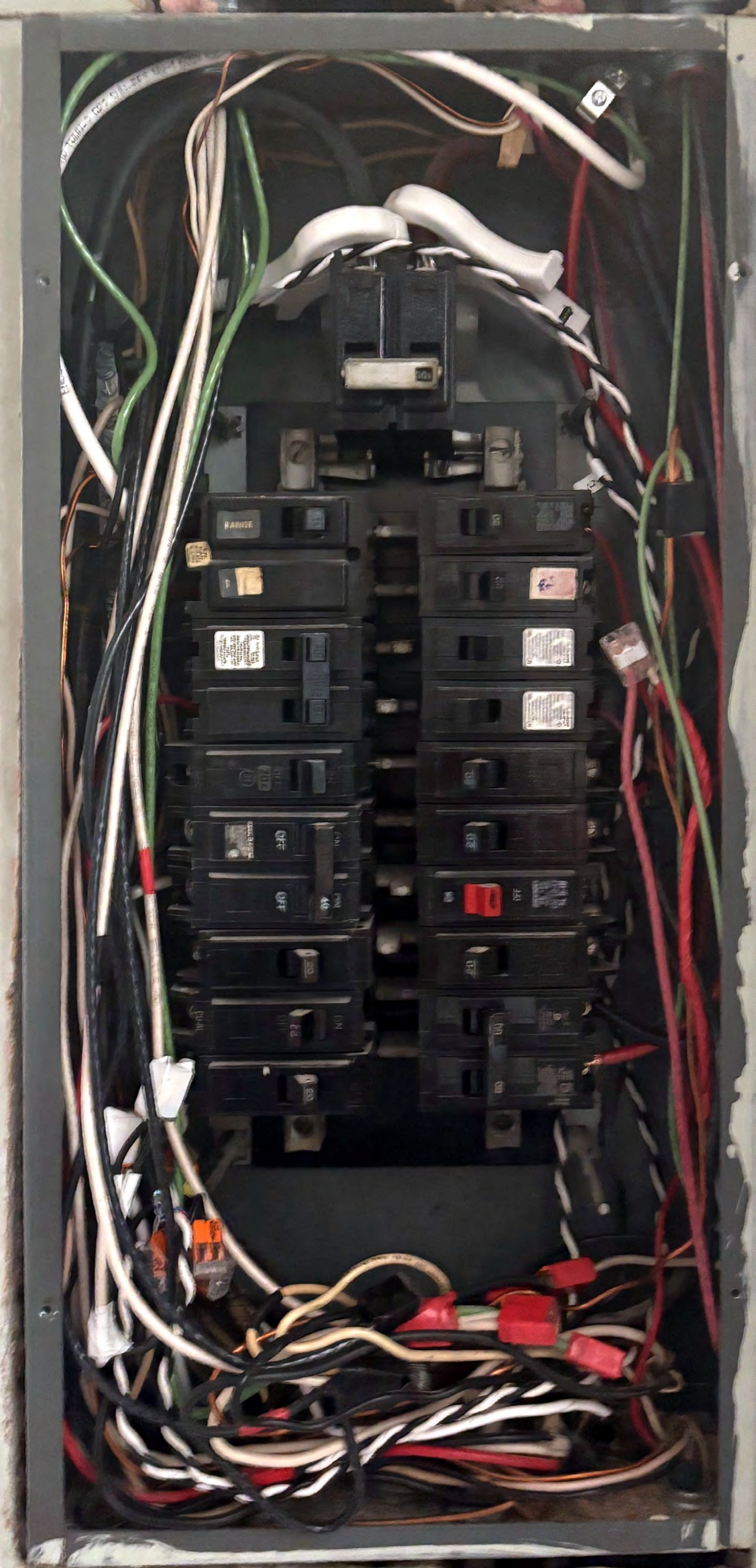


EX-100

RAM

WIRE
RAN 1006
1000 1000
1000 1000

WIRE
RAN 1006
1000 1000
1000 1000







BATTERY DC DISCONNECT
RAPID SHUTDOWN

solar^{edge}

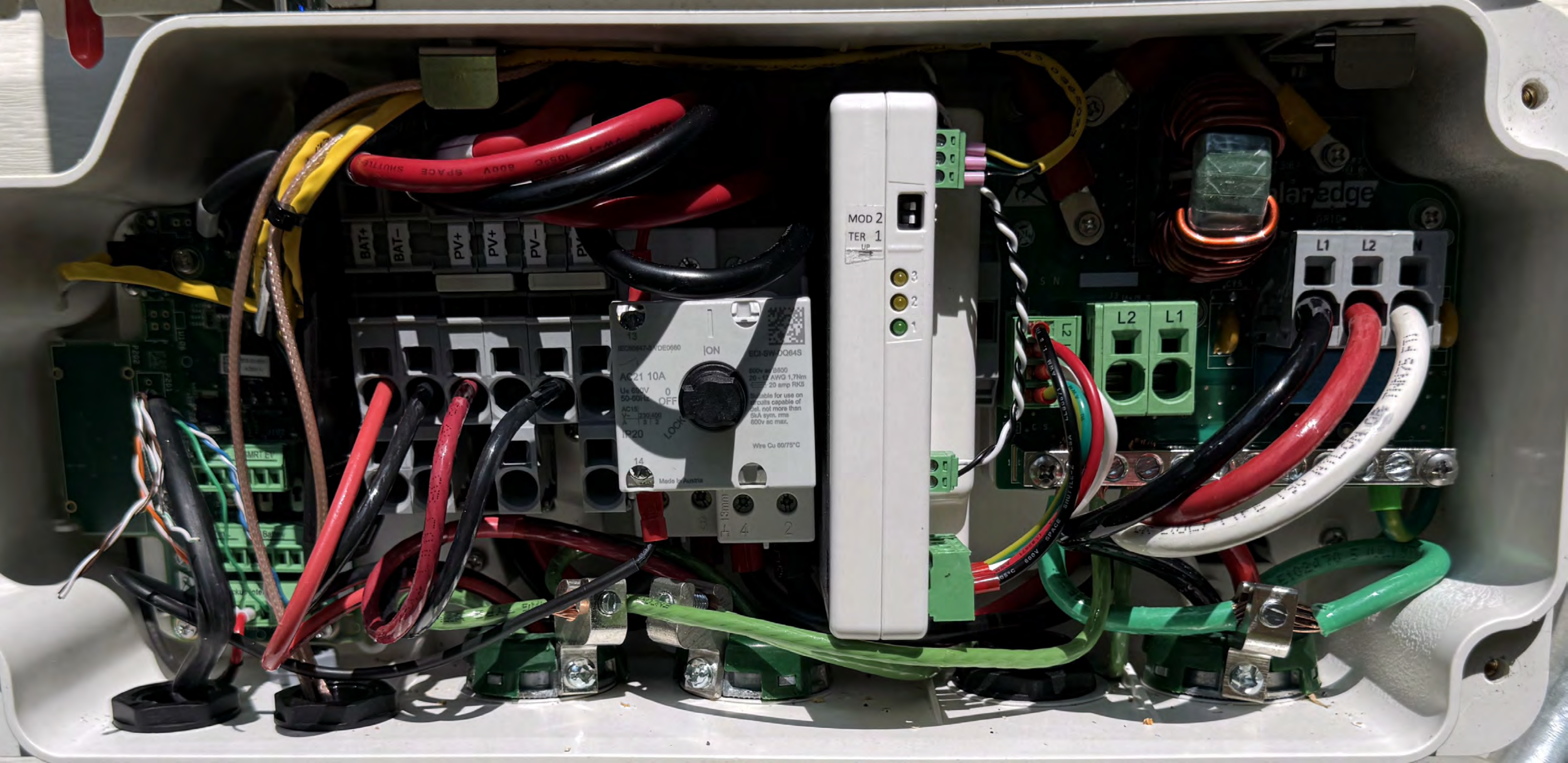










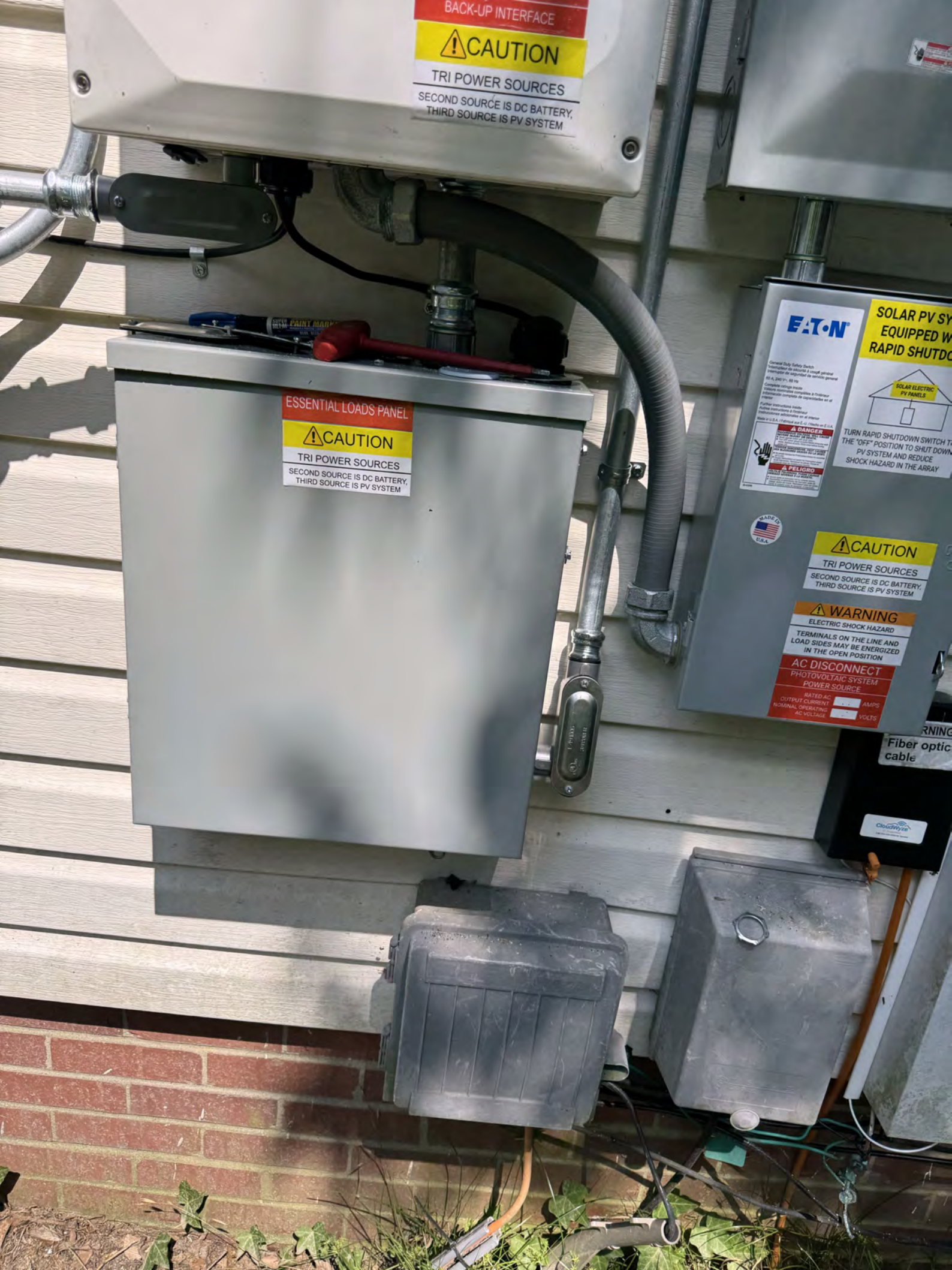


BACK-UP INTERFACE
CAUTION
TRI POWER SOURCES
SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

ESSENTIAL LOADS PANEL
CAUTION
TRI POWER SOURCES
SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

EATON
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
CAUTION
TRI POWER SOURCES
SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS 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 _____ AMPS
NOMINAL OPERATING AC VOLTAGE _____ VOLTS

WARNING
Fiber optic cable





PHOTOVOLTAIC POWER SOURCE

CAUTION: DC BATTERY CIRCUIT

solar edge

AC COMM FAULT

INVERTERS

3

2

1



BATTERY TRANSFER SWITCH

BACK-UP INTERFACE

 **CAUTION**

TRI POWER SOURCES

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM



 **CAUTION**

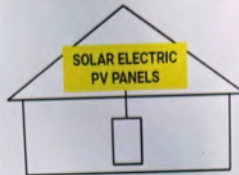
TRI POWER SOURCES

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS PV SYSTEM

 **WARNING**

**POWER SOURCE
OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE**





TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN THE ARRAY

CAUTION

TRI POWER SOURCES

SECOND SOURCE IS DC BATTERY,
THIRD SOURCE IS 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  **AMPS**
OUTPUT CURRENT

NOMINAL OPERATING  **VOLTS**
AC VOLTAGE

WARNING
Fiber optic
cable



**VOLTAIC RAPID
DOWN SYSTEM**



solar edge

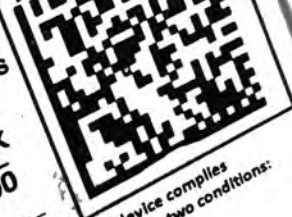


ETL LISTED
CONFORMS TO
ANSI/UL 1741
CERTIFIED TO
CAN/CSA
C22.2 NO 107



Intertek
4004590

750F1D42-E3



Grid Support Interactive Inverter - CSA C22.3
No. 9 - Basic or "Grid Support Interactive Inverter -
Supplemental."
Contains FCC ID: 2AGPT-PLNX, IC: 20916-PNLX. The enclosed device complies
with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(I.) this device may not cause harmful interference.
(II.) this device must accept any interference received,
including interference that may cause undesired operation.
PATENT MARKING NOTICE: SEE www.solaredge.com/groups/patent
Made in the USA From Imported Parts

solaredge



The maximum operating current of this system may be controlled electronically. Refer to manufacturer's instructions for more information.

solaredge **SE5700H - US**

Grid Support Utility Interactive Non-Isolated
Photovoltaic Inverter With stand - alone Mode

Operating Voltage Range

Max Input Current

Max Continuous Output Power Grid connected

Max Continuous Output Power and Current stand - alone

Voltage Min - Nom - Max

Max stand - alone Capacity

Max Continuous Output Current Grid Connected

Max Output Fault Current

Max Utility Backfeed Current

Frequency Min - Nom - Max

Output Power Factor

Max Ambient Temperature

Enclosure

With integrated ground fault protection per NEC 690.35 (C)
Type 1 Photovoltaic Arc - Fault Circuit - Protection

ATTENTION: The maximum operating current of this system may be controlled electronically. Refer to manufacturer's instructions for more information.

Wi-Fi Password:

2E8Fbc9

Activation:

q+r BgvS IOFF eSrS Texb IM6v r14=

Wi-Fi MAC:

4:D6:C5:A3:4D:03

N: USE5700H - USMMBL75

N: SB0125 - 0750F1D42 - E3

31 Aac
5760Wac@240V
☐ 7.5 KVA 32A
☐ 11.4 KVA 48A
211 - 240 - 264 Vac
183 - 208 - 229 Vac
11.4 KVA

24Aac

74 Aac

0 Aac

59.3 - 60.0 - 60.5 Hz

+/- 0.85 - 1

60 C

IP65/NEMA 4X



solar edge

StorEdge Connection Unit

Max DC Voltage (PV/Battery)
Max DC Current (PV)
Max DC Power (PV)
Max Continuous DC Current (Battery)
Max Continuous DC Power (Battery)
Max AC Voltage
AC-Single Phase Frequency
Max AC Current (Grid)

480 Vdc
62 Adc
23.2 kWdc
31 Adc
11.6 kWdc
264 Vac
50/60 Hz
48 Aac

For more details refer to the installation guide
Patent marketing notice: see WWW.SOLAREEDGE.COM/patent



DCD-1PH-US-P2H-F-C

PN:

SB0125-191D2BAA6-C3
SN:

MADE IN THE U.S.A FROM IMPORTED PARTS

solar edge

StorEdge Connection Unit

Max AC Current (Smart EV Charger)
Max Continuous Output Power (Smart EV Charger)
Max Battery Energy Storage
Number of AC phases
Maximum AC short circuit current
Weight
Ambient Temperature:
Enclosure Rating:

40 Aac
9600 W
32 kWh
L1, L2, N
74 Aac
30.2 / 13.7 lbs/kg
-40°C ..60°C
IP65 / Type 4X

For more details refer to the installation guide
Patent marketing notice: see WWW.SOLAREEDGE.COM/patent
Use 90°C copper PV Wires only.
Revenue Grade ANSI C12.20
PHOTOVOLTAIC RAPID SHUTDOWN SYSTEM



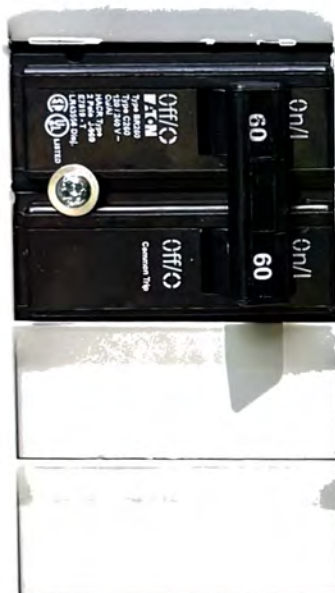
DCD-1PH-US-P2H-F-C

PN:

SB0125-191D2BAA6-C3
SN:

MADE IN U.S.A FROM IMPORTED PARTS

Sub
feed



H2O Heat

SOLAR PV BREAKER
BREAKER IS BACKFED
DO NOT RELOCATE

[illegible]



⚠ 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 energía que alimenta este equipo antes de trabajar en el interior del mismo.

Sub
Feed

11 BA 2 BA 7 BA 5 BA 3 BA 1 BA

60 On/I

60 On/I

20 EATON TEST

20 EATON TEST

20 EATON TEST

2 AB 4 AB 6 AB 8 AB 10 AB 12 AB

living
bedrm
lights

MANUAL
CONTROL



OFF
ON

DRY 12V RSD RS485
CONTACTS INV INV
A+B+C+ D- E- F- G- A- B-



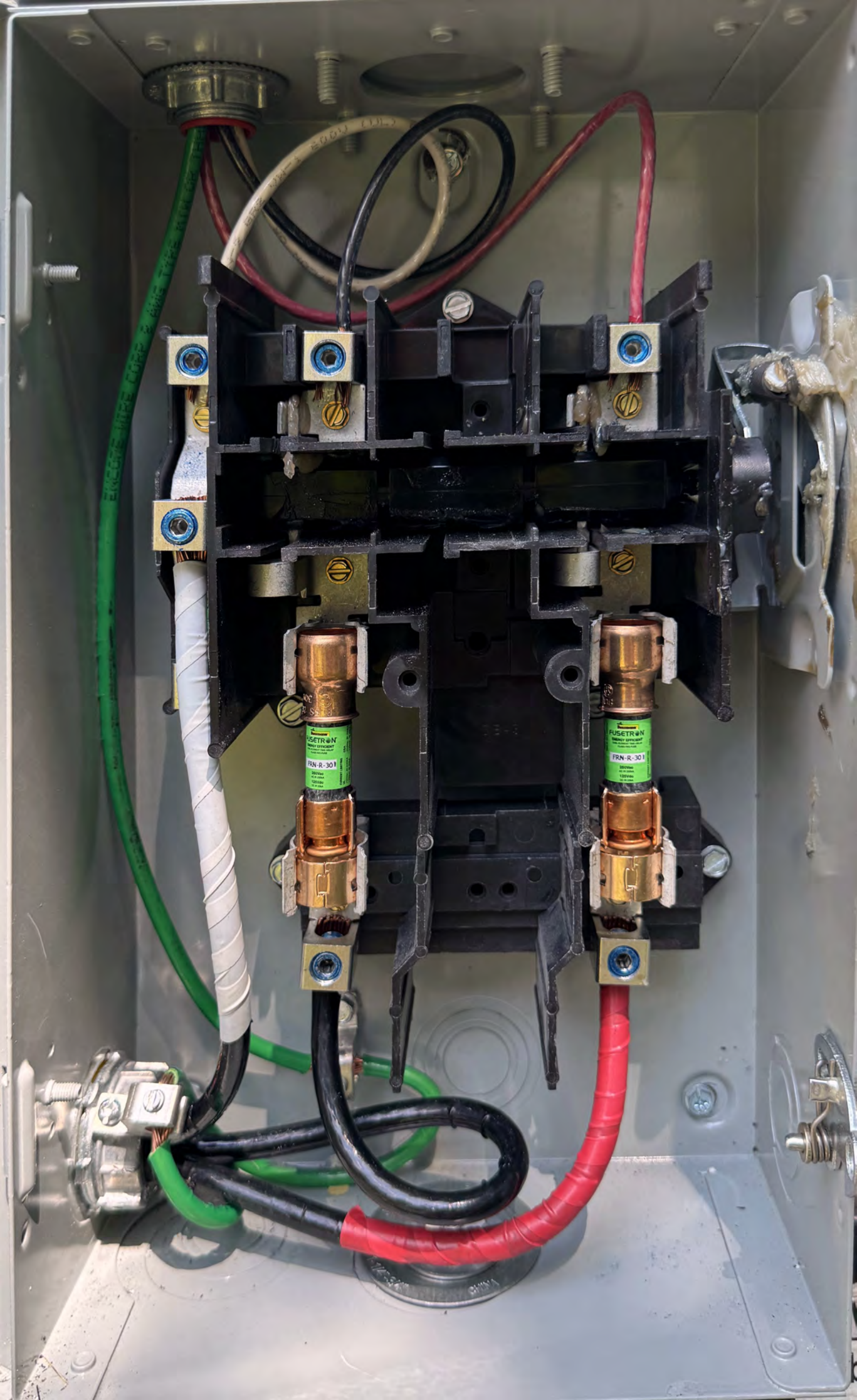
AC COMMON FAULT



INV3

INV2





MANUAL
CONTROL



OFF
ON

DRY 12V RSD R5485
CONTACTS INV/ INV/
A-A-B-B- + - - - G A B



AC COMM. FAULT



INV3

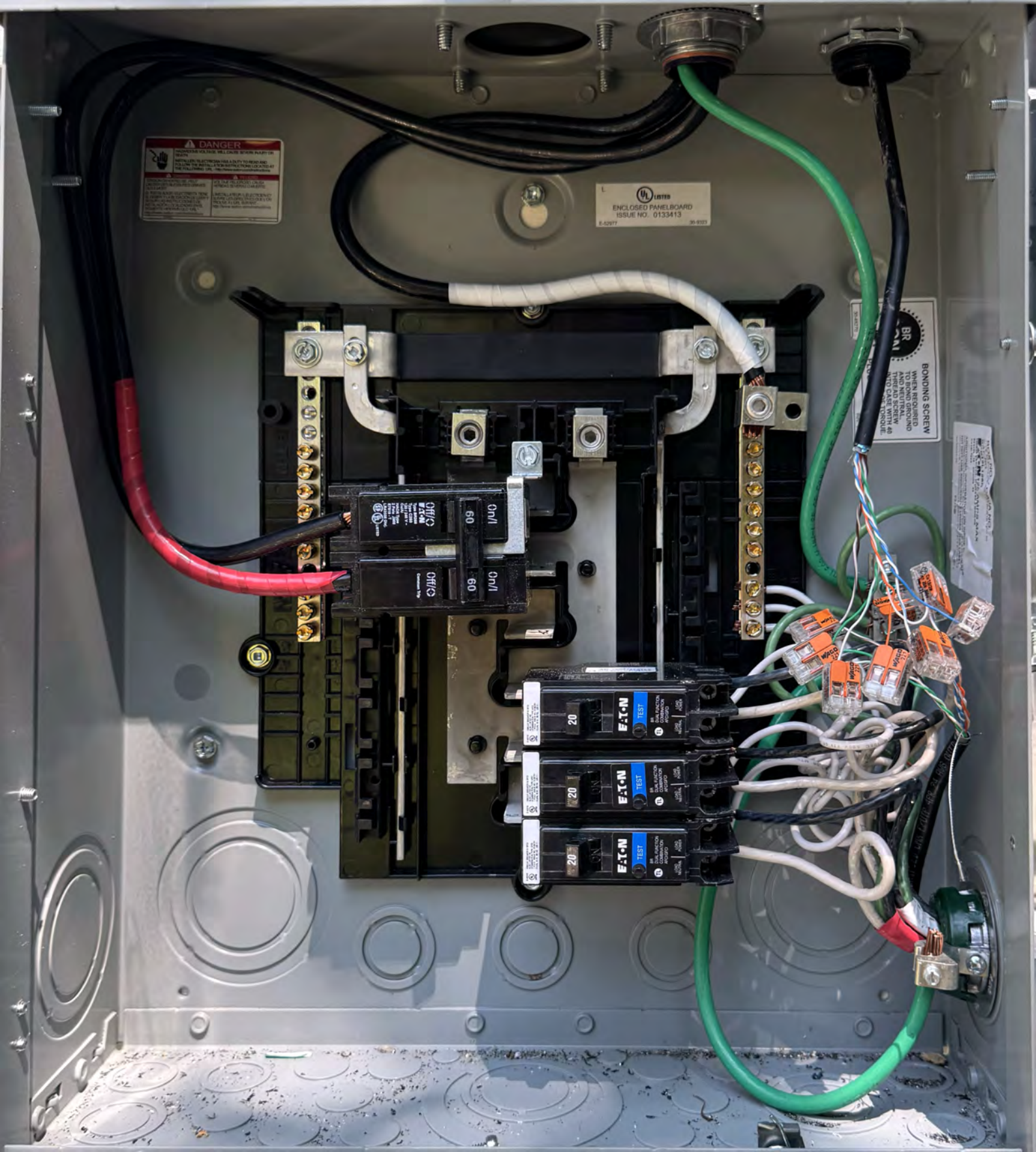
INV/2

INV/1

CT
L1
CT
L2

1/A

[illegible]



 DANGER	 PELIGRO	 DANGER
HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH.	VOLTAJE PELIGROSO. PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.	TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.
Never operate switch with cover open.	Nunca opere el interruptor con la cubierta abierta.	Né jamais manœuvrer l'interrupteur lorsque la couverture est ouverte.
If fused, turn OFF switch before removing or installing fuse.	Si el interruptor usa fusible, baje su palanca a la posición fuera "OFF" antes de retirar o instalar fusibles.	Si est muni d'un fusible, mettez l'interrupteur hors circuit (OFF) avant d'enlever ou d'installer un fusible.
Always use a properly rated voltage sensing device at all line and load side fuse clips (if fused) or load side terminals (if non-fused) to confirm switch is OFF.	Mida el voltaje con un dispositivo de medición adecuado en lado de carga de los clips de fusibles (si los usa) o en las terminales de carga (cuando no usa fusibles) para comprobar que el interruptor está desenergizado.	Toujours utiliser un dispositif de détection de la tension dont les valeurs nominales sont appropriées, et la côté chargé du porte-fusible (muni d'un fusible) ou les bornes côté chargé (sans fusible) pour confirmer que l'interrupteur est hors circuit (OFF).
Turn OFF power ahead of switch before doing any work inside. Replace all parts. Close cover before turning power ON.	Desconectar la alimentación del interruptor antes de trabajar dentro del mismo. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el interruptor.	Couper l'alimentation en amont de l'interrupteur avant toute intervention. Remplacer les pièces. Fermer la couverture avant de remettre sous tension.

DG222NRB

Series B

GENERAL DUTY SAFETY SWITCH

Type 3R Enclosure - Rainproof

TERMINALS SUITABLE FOR AL-CU WIRE.

INTERRUPTOR DE SEGURIDAD DE SERVICIO GENERAL

Gabinete NEMA 3R - A Prueba De Lluvia

TERMINALES ADECUADAS PARA CONDUCTORES DE AL-CU.

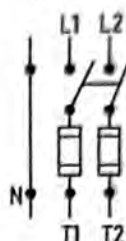
INTERRUPTEUR DE SÉCURITÉ À USAGE GÉNÉRAL

Enveloppe De Type 3R - A L'épreuve De La Pluie

BORNES CONVENANT POUR CONDUCTEURS AL-CU.

60 Amperes 120/240, 240, 127/220 V ~ 60Hz 3W S/N, 3H N/S, 3F N/S

EATON



Horsepower Ratings	KW(Caballlos de potencia)		Régimes "Horsepower"	
	1 Phase/1 Fase		3 Phase/3 Fase *	
Volts / Tension / Voltaje	Std. / Est	Max.	Std. / Est	Max.
120 / 127 ~	1 1/2 (1,119)	3 (2,238)	3 (2,238)	7 1/2 (5,60)
240 ~	3 (2,238)	10 (7,46)	7 1/2 (5,60)	15 (11,19)

*For grounded B Phase systems only.

Maximum fuse size 60A

The starting current of motors of more than the standard horsepower ratings may require the use of fuses with appropriate time-delay characteristics. Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.

Suitable for use as service equipment.

Suitable for use on a circuit capable of delivering not more than 100,000 RMS symmetrical amperes, 240 V - maximum, when Class R fuses are used. Fuse kit DS16FK is required for R fuses.

DANGER-Unless Class R fuses are used, this switch may present a risk of fire and personal injury if installed on circuits capable of delivering more than 10,000 RMS symmetrical amperes.

When used with Class K or H fuses, suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes, 240 volts maximum.

Experience has shown that renewable fuses can cause overheating problems and thus the use of renewable fuses is not recommended.

Use 60°C or 75°C wire.

Lug torque / Hex across flats / 5/32" / 100 LB. - In

Wire range

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

Accessories

Install per instructions supplied with kit.

R fuse kit DS16FK

Ground lug kit DG030GB

Neutral kit DG100NB

3/4" (19.05mm) Hub size DS075H1

1" (25.40mm) Hub size DS100H1

1 1/4" (31.75mm) Hub size DS125H1

1 1/2" (38.10mm) Hub size DS150H1

2" (50.80mm) Hub size DS200H1

Accesorios

Instalar de acuerdo a instrucciones incluidas en los accesorios.

Juego adaptador para fusible tipo "R" DS16FK

Juego de partes para terminal de tierra DG030GB

Juego de neutro DG100NB

3/4" (19.05mm) Tamaño de cople DS075H1

1" (25.40mm) Tamaño de cople DS100H1

1 1/4" (31.75mm) Tamaño de cople DS125H1

1 1/2" (38.10mm) Tamaño de cople DS150H1

2" (50.80mm) Tamaño de cople DS200H1

Accessoires

Installer conformément aux directives fournies avec l'ensemble.

Ensemble pour fusible R DS16FK

Ensemble de bornes de MALT DG030GB

Ensemble de neutres DG100NB

3/4" (19.05mm) Calibre des manchons DS075H1

1" (25.40mm) Calibre des manchons DS100H1

1 1/4" (31.75mm) Calibre des manchons DS125H1

1 1/2" (38.10mm) Calibre des manchons DS150H1

2" (50.80mm) Calibre des manchons DS200H1

*Sólo para sistemas con falla a tierra en fase B.

Adecuado para usarse como equipo de acometida.

Tamaño máximo de fusible de 60 amperios.

La corriente de arranque de motores con capacidad mayor a los caballos de potencia estándar puede requerir del uso de fusibles con características de retardo de tiempo apropiadas.

La corriente de carga continua no debe exceder el 80% de la capacidad del fusible empleado, con excepción de los circuitos de motores.

Adecuado para usarse en circuitos capaces de entregar no más de 100,000 A RCM simétricos, con 240 V - máximo, cuando se utilizan fusibles clase R. El juego adaptador de fusibles DS16FK se requiere para fusibles clase R.

PELIGRO - a menos que se utilicen fusibles clase R, este interruptor puede presentar riesgos de incendio y daño personal si es instalado en circuitos con capacidad de entregar más de 10,000 A RCM simétricos. Cuando se utiliza con fusibles clase K o H, es adecuado para usarse en circuitos con capacidad de entregar no más de 10,000 A RCM simétricos, con 240 V - máximo.

La experiencia muestra que los fusibles renovables pueden causar problemas de sobrecalentamiento, por lo tanto, el uso de fusibles renovables no es recomendable.

Usar conductores para 60°C ó 75°C.

Par de apriete de terminales / Tornillo de cabeza hexagonal / 3/32" / 11.3 N.m

Rango de la sección transversal del conductor

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

*Seulement pour des systèmes de phase B MALT.

Approprié comme équipement d'entrée de service.

Calibre maximum du fusible 60A.

L'intensité de démarrage des moteurs plus élevée que pour les

"horsepower" standards peut exiger l'utilisation de fusibles ayant des caractéristiques de temporisation appropriées.

Toute charge continue ne devra pas excéder 80% du calibre des fusibles utilisés sauf s'il s'agit de circuits de moteurs.

Convient à un circuit de 100,000 ampères efficaces symétriques au plus, 240 V - maximum, lorsque des fusibles de classe R sont utilisés.

Ensemble de fusible DS16FK requis pour fusibles R.

DANGER - A moins d'utiliser des fusibles de classe R, cet interrupteur peut présenter des risques d'incendie et de blessures corporelles s'il est installé dans un circuit de plus 10,000 ampères efficaces symétriques.

Si utilisé avec des fusibles K ou H, l'interrupteur sera approprié pour utilisation sur un circuit ne délivrant pas plus de 10,000 ampères RMS symétriques, 240V maximum.

L'expérience démontre que l'utilisation de fusibles renouvelables peut causer des problèmes de surchauffe et, par conséquent, ces fusibles ne sont pas recommandés.

Utiliser conducteur 60°C ou 75°C.

Torque aux bornes / Vis à tête six pans / 3/32" / 100 LB. - Pn

Plays de conducteurs

14 - 1/0 AWG, 2.1 a 53.5 mm² AL - CU

RU853724

