









Do Not
Remove

18757E5F-6A



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



SolarEdge Technologies Ltd.
Power Optimizer

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.

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
PHOTOVOTAIQUE 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.

























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Made in the USA
from imported parts

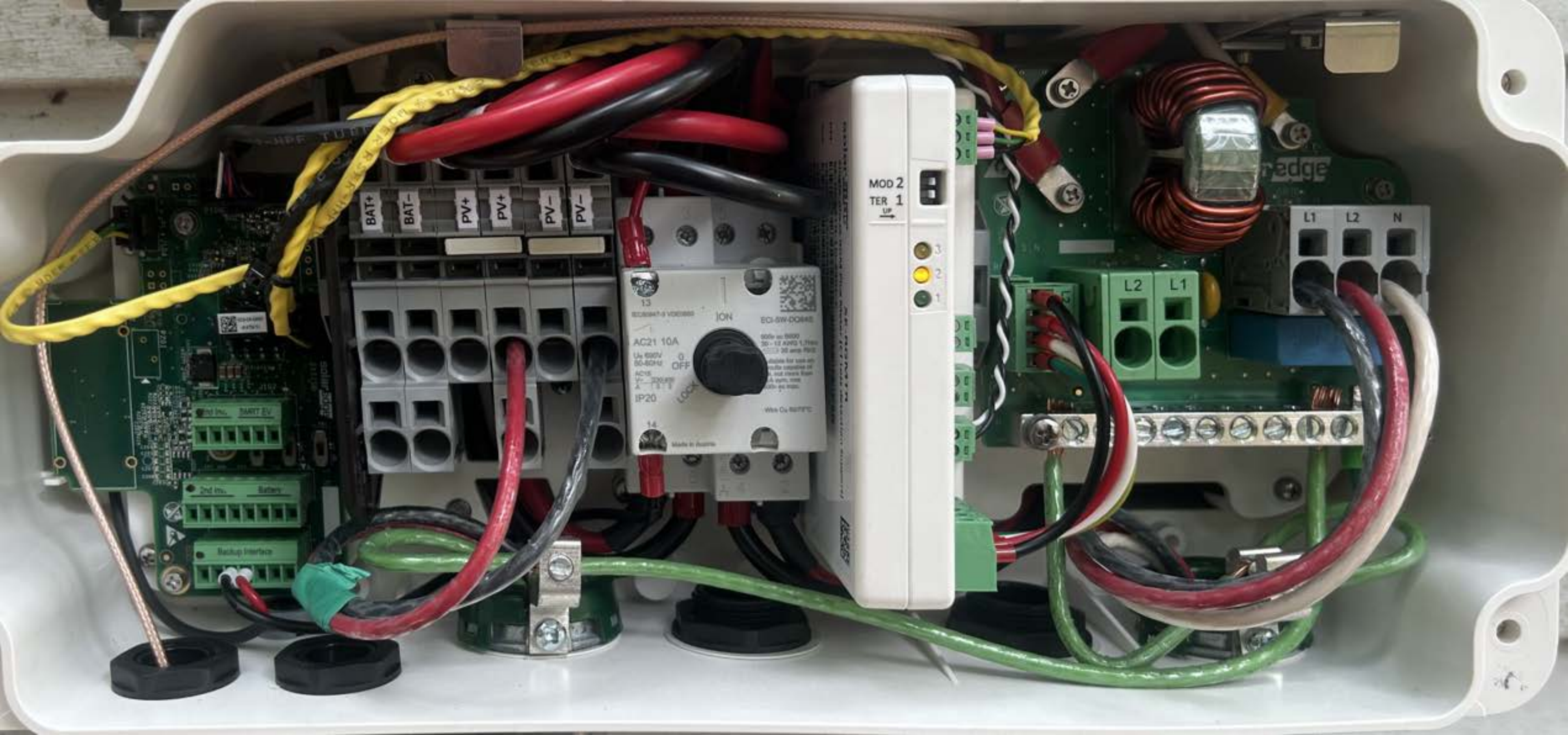
OFF

ON



DC DISCONNECT

solar**edge**



Hz %

Ω $\rightarrow$ $\rightarrow$ $\rightarrow$

A $\sim$

V $\sim$

OFF

NCV

SEL

RANGE

MAX
MIN

ZERO

600A AC/DC Digital Clamp Meter

6000 Counts



**True RMS
TOUGH METER**

CAT III 1000V
CAT IV 600V

COM



V Ω
Hz % Temp

PHOTOVOLTAIC
SYSTEM kWh METER



WARNING
DUAL POWER SUPPLY
SOURCES: UTILITY GRID
AND PV SOLAR
ELECTRIC 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

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

CAUTION
SOLAR ELECTRIC SYSTEM CONNECTED

SOLAR PV BREAKER
BREAKER IS BACKFED
DO NOT RELOCATE





N0

32

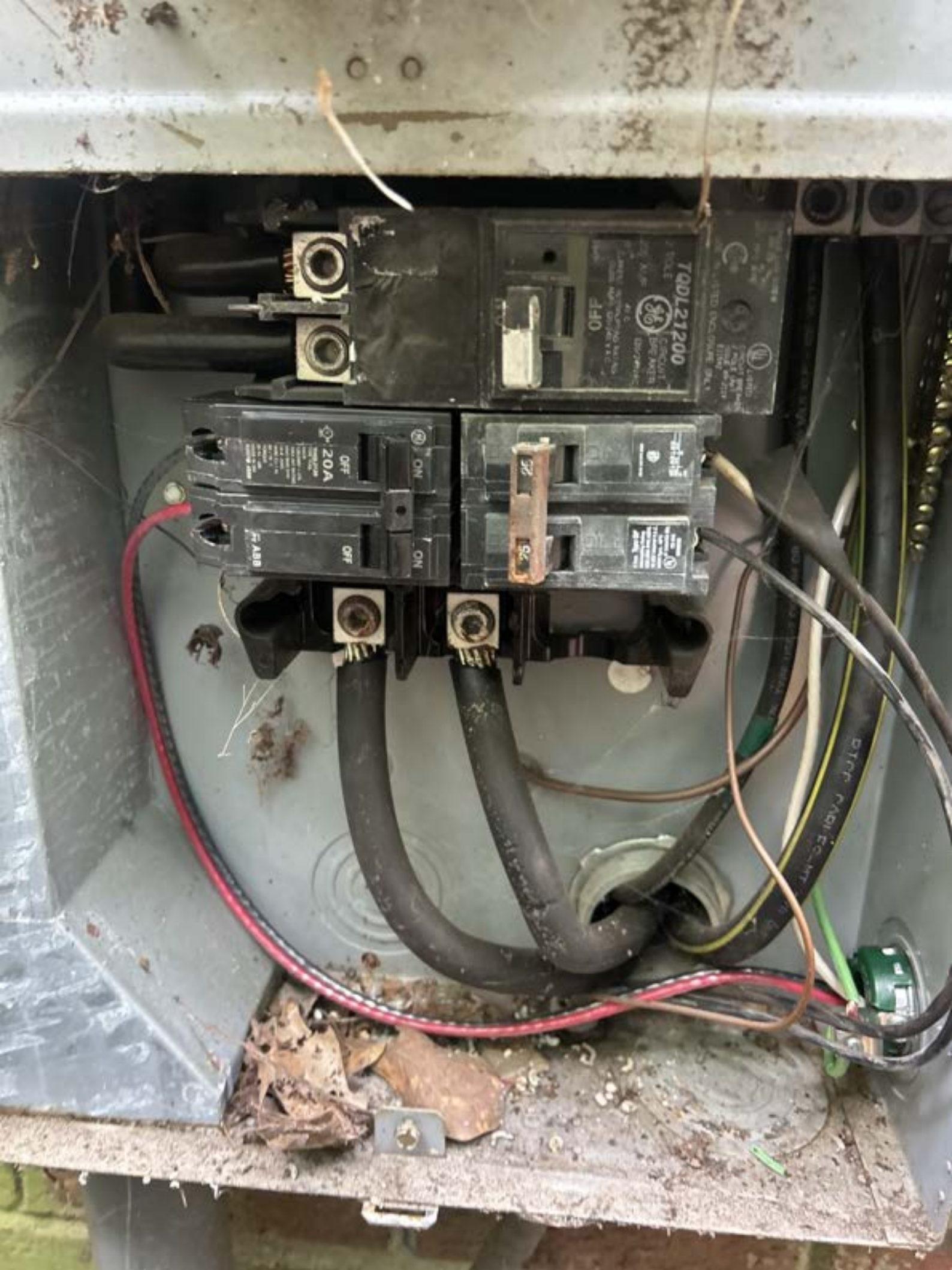
36

OFF 20A

OFF

THQ12120
TYPE THERM
RANGE
1200/240V - CTE
100A INT. MOUNTING
MAX. RMS STN
14.4 AMP
WIRE C1 / AL
60 / 75 °C
THERMISTOR
20 IN. - LBS
MADE IN CO
Q237 @ 4804

ABB



PHOTOVOLTAIC RAPID SHUTDOWN SYSTEM

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



Intertek
4004590

7513A582-AF



Grid Support Interactive Inverter - CSA C22.3
No. 9 - Basic" or "Grid Support Interactive Inverter -
CSA C22.3 No. 9 - Supplemental.
Contains FCC ID: 2A5PT-PLNX, IC: 20916-PLNX. The enclosed 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.
PATENT MARKING NOTICE: SEE www.solaredge.com/groups/patent
Made in the USA From Imported Parts

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StorEdge Connection Unit

Max DC Voltage (PV/Battery)
Max DC Current (PV)
Max AC Power (PV)
Max AC Current (Battery)

480 Vdc
62 Adc
23.2 kWdc
31 Adc
11.6 kWac
264 Vac

solaredge

SE3800H – 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	3800Wac @ 240V
Continuous Output Power and Current stand – alone	☐ 7.6 KVA 32A ☐ 11.4 KVA 48A ☐ 12.5 KVA 52A
Max Continuous Output Power stand – alone (Up to 30 °C)	211 – 240 – 264
Voltage Min – Nom – Max	183 – 208 – 229 Vac
Max Continuous Output Current Grid Connected	16Aac
Max Output Fault Current	90 Aac
Max Utility Backfeed Current	0 Aac
Frequency Min – Nom – Max	59.3 – 60.0 – 60.5 Hz
Output Power Factor	+/- 0.85 – 1
Max Ambient Temperature	60 C
Enclosure	IP65/NEMA 4X

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 manufacturers instructions for more information.

Activation: y7gE YFZC Slax Kh+J 1YFC cWu+ BGk=

Wi – Fi Password:

Bg2z4W1A

WiFi MAC:

84:D6:C5:A5:C4:29

PN: USE3800H – USMNBE78

SN: SB2125 – 07513A582 – AF



LINE

SNAP-IN
2ND

SNAP-IN
2ND

REINSTALL AFTER WIRING

REINSTALE DESPUÉS DEL CABLEADO

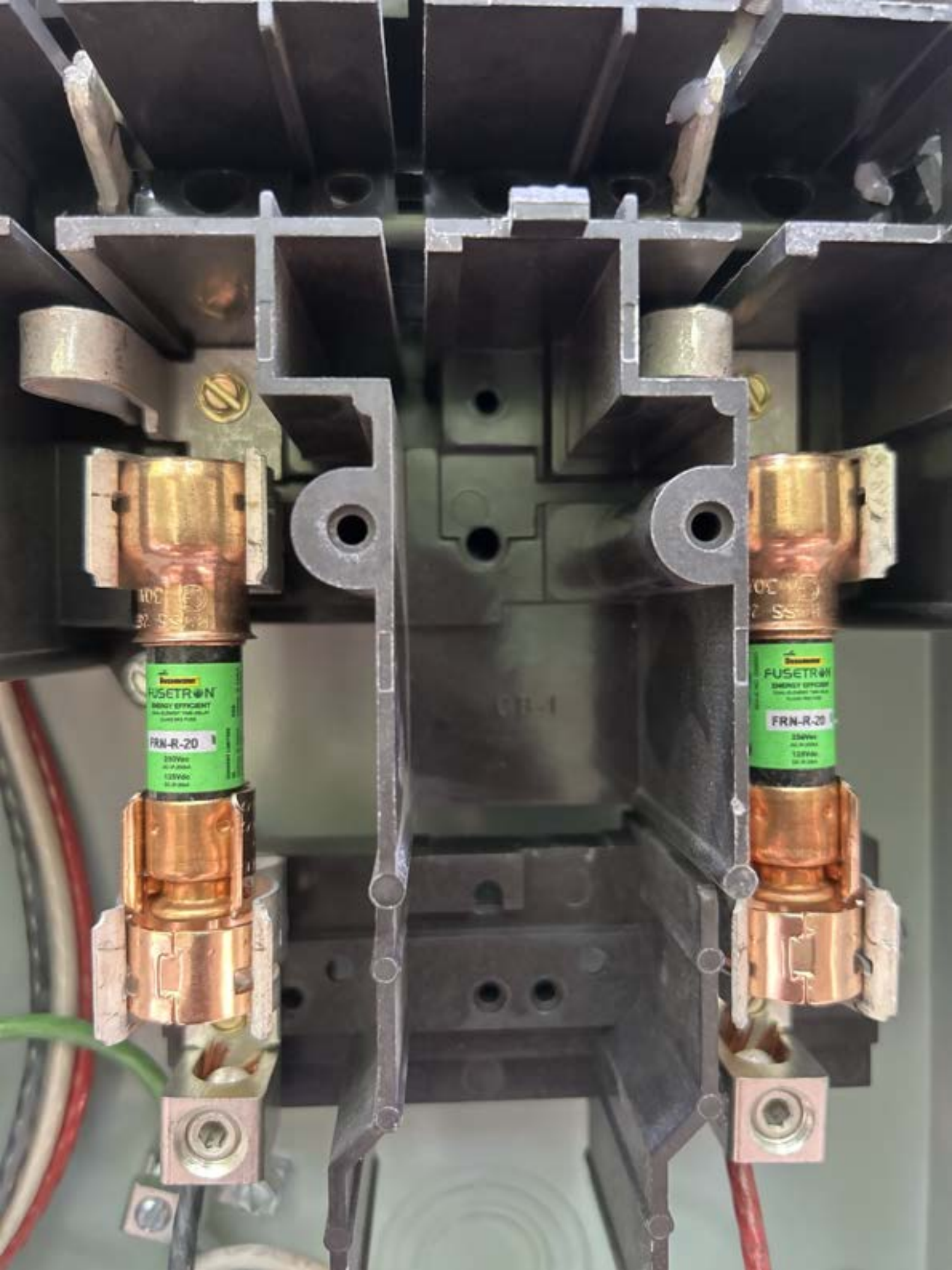
REINSTALLER APRÈS L'INSTALLATION ÉLECTRIQUE

2

REINSTALL (57)

100%
FUSIBLE
100%
100%
100%

100%
FUSIBLE
100%
100%
100%



FUSETRON
ENERGY EFFICIENT
FRN-R-20
250Watt
AL-P-1000
125Vdc
50-10000

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