

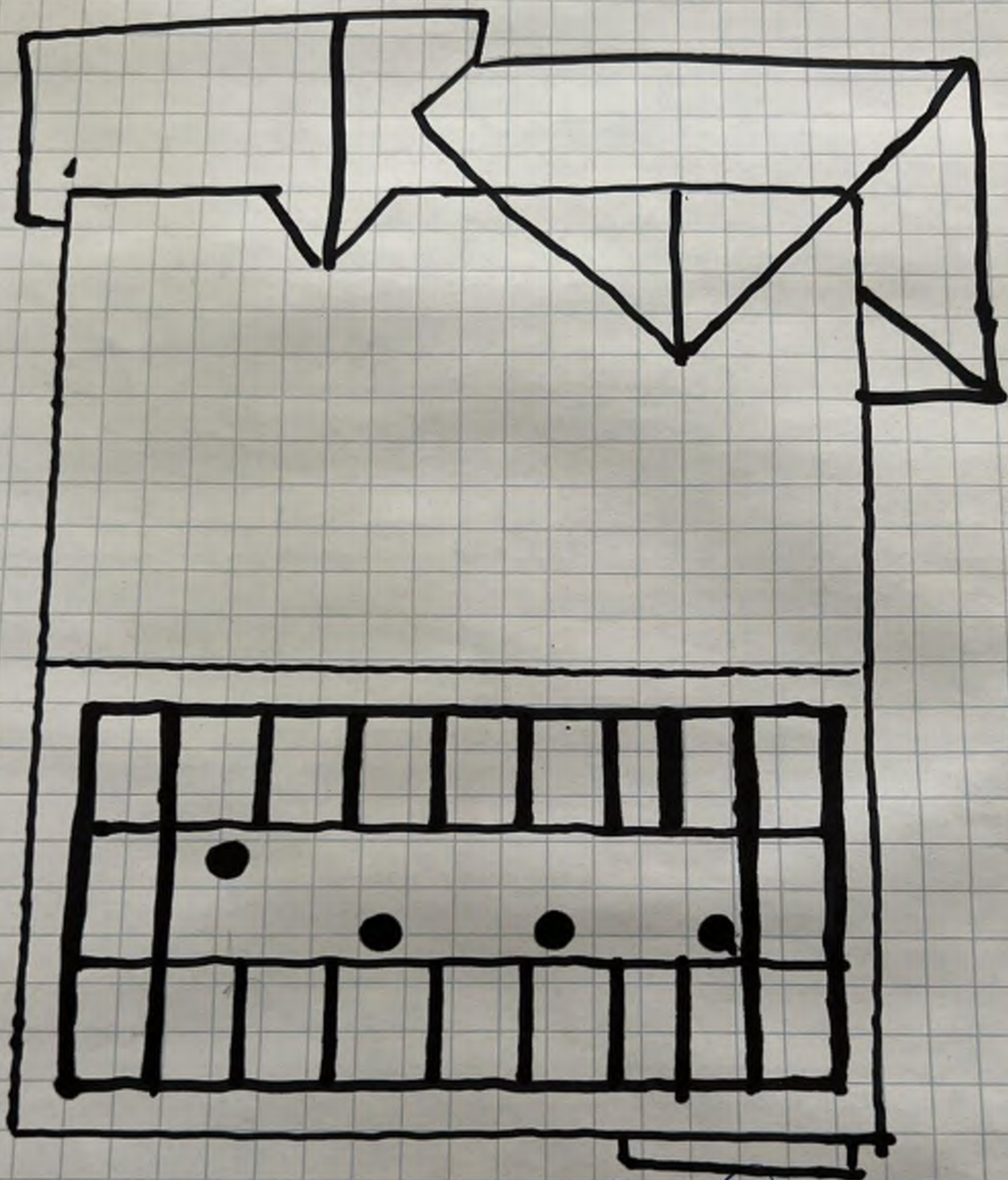




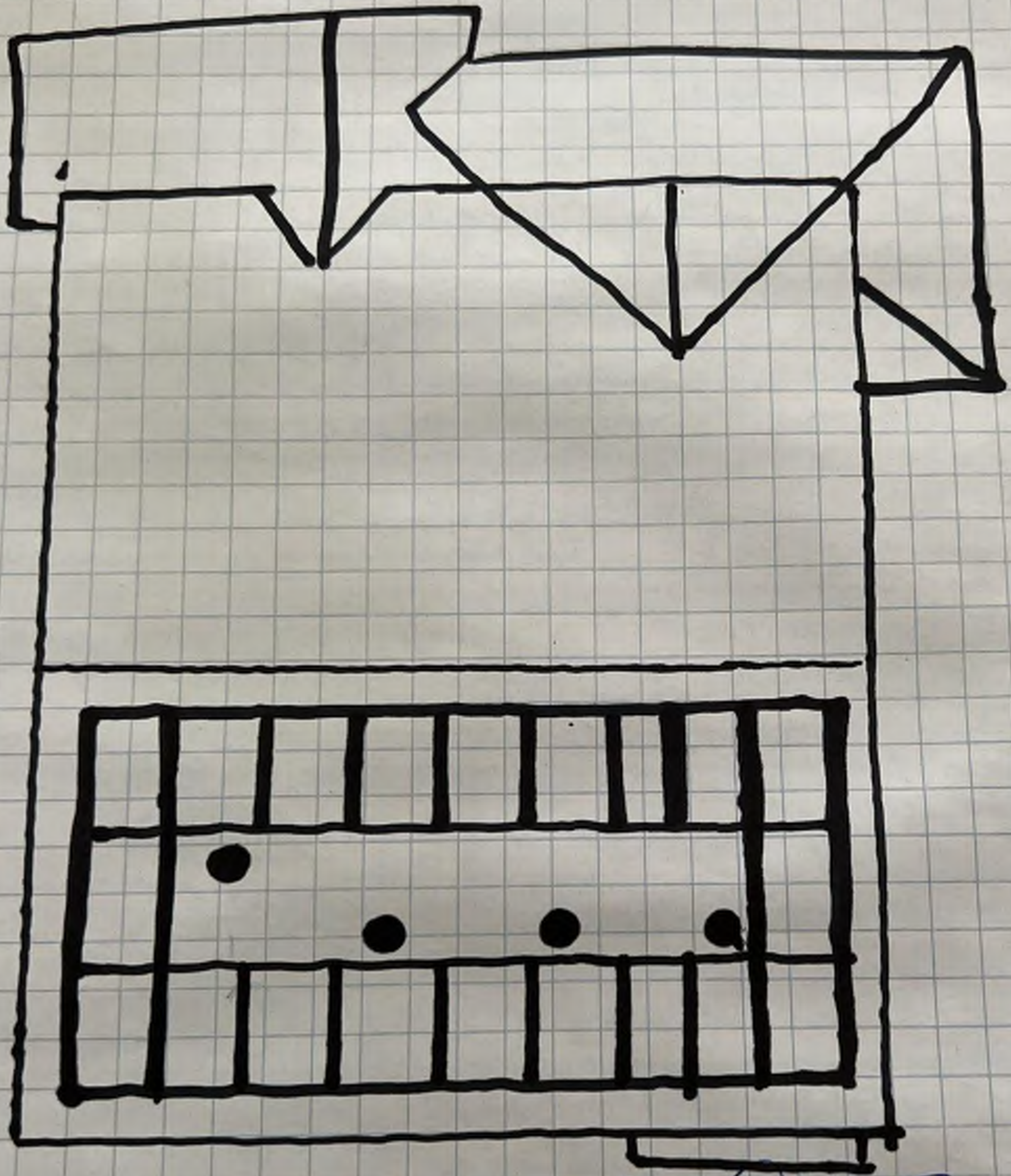
MISSION SOLAR

Model: MS-1000
Capacity: 1000W
Voltage: 12V
Current: 83.3A
Power: 1000W
Efficiency: 22.5%
Dimensions: 1000mm x 1000mm x 1000mm
Weight: 100kg
Warranty: 5 Years
Manufacturer: Mission Solar
Contact: 1-800-123-4567
Website: www.missionsolar.com

MISSION SOLAR
1000W
12V
83.3A
22.5%
1000mm x 1000mm x 1000mm
100kg
5 Years
1-800-123-4567
www.missionsolar.com



Camilla



Gamella





Sunpac PV Link / S2502
Substring Junction Box
Voltage: 600VDC
Current: 25A
Temperature: -40°C to 85°C
IP67
UL 1741
UL 9540
UL 1993
UL 1994
UL 1995
UL 1996
UL 1997
UL 1998
UL 1999
UL 2000
UL 2001
UL 2002
UL 2003
UL 2004
UL 2005
UL 2006
UL 2007
UL 2008
UL 2009
UL 2010
UL 2011
UL 2012
UL 2013
UL 2014
UL 2015
UL 2016
UL 2017
UL 2018
UL 2019
UL 2020
UL 2021
UL 2022
UL 2023
UL 2024
UL 2025
UL 2026
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UL 2036
UL 2037
UL 2038
UL 2039
UL 2040
UL 2041
UL 2042
UL 2043
UL 2044
UL 2045
UL 2046
UL 2047
UL 2048
UL 2049
UL 2050

Substring INPUT

OUTPUT

ENCLOSURE MUST BE DISCONNECTED
BEFORE WORKING ON THE WIRING

CONDUCTOR CONNECTION POINT
SEE INSTRUCTIONS OF THE
P

PHOTO CELL
DATE: 10/10/10





ENCLOSURE MUST BE GROUNDED
for REbus communication



WCP: 001180234424
SN: S2502 03630
MFG: B
Date: 12-22

ENCLOSURE MUST BE GROUNDED
for REbus communication



GENERAL PV Link / S2502
SnapRS™ compatible substring optimizer
ground shutdown system equipment



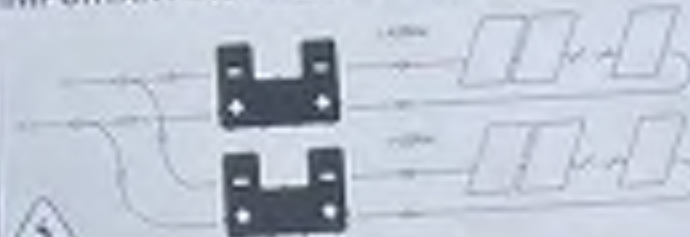
300V 10A
5014992

WARNING:
Installation must be done
in accordance with the code.
See instructions for details.

Made in Vietnam
Complies with UL 1741
Certified to Class 1000 VDC

REbus DC Nanogrid
OUTPUT

IMPORTANT INSTALLATION INSTRUCTIONS:



Max 430V temp
SINGLE STRING INPUT
Dual string input requires approval
Output
Connect PV Links to invertor REbus
terminals in parallel

Max Input	Max Output
430V	430V
10A	10A
1000VDC	1000VDC
1000VAC	1000VAC
1000VDC	1000VDC
1000VAC	1000VAC
1000VDC	1000VDC
1000VAC	1000VAC
1000VDC	1000VDC
1000VAC	1000VAC

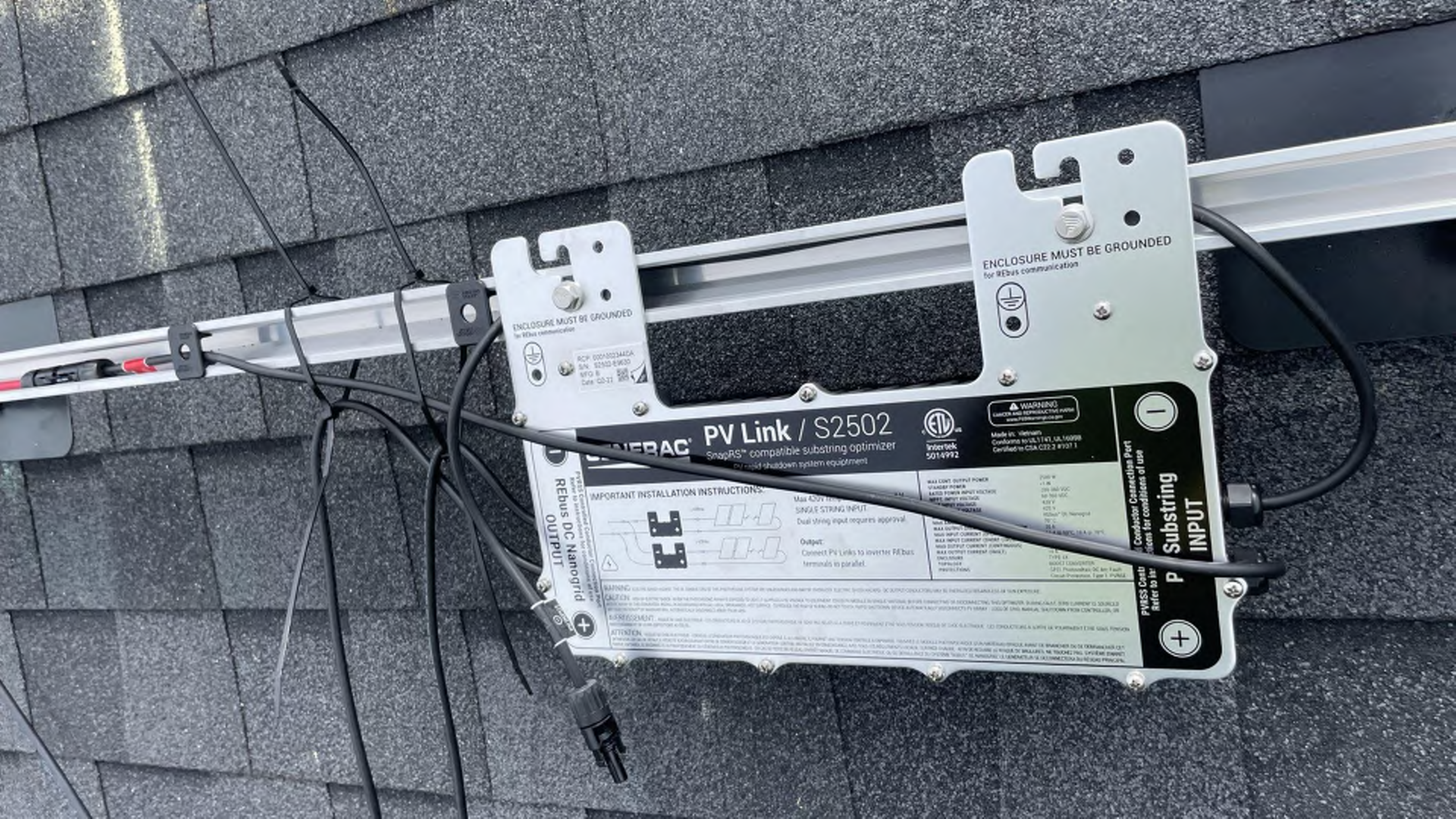
Substring
INPUT

WARNING: ELECTRIC SHOCK HAZARD. THE WIRING OF THIS PRODUCT MUST BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES. ALWAYS USE THE LATEST EDITIONS OF THE NEC AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES. ALWAYS USE THE LATEST EDITIONS OF THE NEC AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES. ALWAYS USE THE LATEST EDITIONS OF THE NEC AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES.

CAUTION: NEVER TOUCH WIRE, WIRE TERMINALS OR ELECTRICAL CONNECTIONS WHILE THE SYSTEM IS ENERGIZED. ALWAYS USE THE LATEST EDITIONS OF THE NEC AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES. ALWAYS USE THE LATEST EDITIONS OF THE NEC AND ALL APPLICABLE LOCAL AND STATE ELECTRICAL CODES.

AVERTISSEMENT: RISQUE DE CHOC ÉLECTRIQUE. LE CÂBLAGE DE CE PRODUIT DOIT ÊTRE RÉALISÉ EN CONFORMITÉ AVEC LE CODE NATIONAL ÉLECTRIQUE (NEC) ET TOUTES LES ÉDITIONS RÉCENTES DU CODE NATIONAL ÉLECTRIQUE ET DE TOUTES LES ÉDITIONS RÉCENTES DU CODE NATIONAL ÉLECTRIQUE ET DE TOUTES LES ÉDITIONS RÉCENTES DU CODE NATIONAL ÉLECTRIQUE.

ATTENTION: NE TOUCHEZ JAMAIS LES FILS, LES TERMINAUX ÉLECTRIQUES OU LES POINTS DE RASSEMBLEMENT ÉLECTRIQUE TANT QUE LE SYSTÈME EST EN TENSION. TOUJOURS UTILISER LA DERNIÈRE ÉDITION DU CODE NATIONAL ÉLECTRIQUE (NEC) ET DE TOUTES LES ÉDITIONS RÉCENTES DU CODE NATIONAL ÉLECTRIQUE ET DE TOUTES LES ÉDITIONS RÉCENTES DU CODE NATIONAL ÉLECTRIQUE.



ENCLOSURE MUST BE GROUNDED
for REbus communication

RCF: 000100344DA
S/N: 02103-09037
MFG: B
Date: 02-21

ENCLOSURE MUST BE GROUNDED
for REbus communication

SOLAREDGE PV Link / S2502

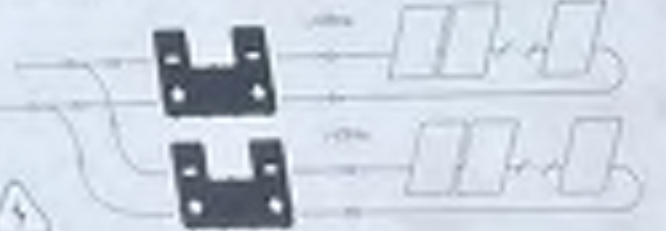
SnapRS™ compatible sub-string optimizer
PV rapid shutdown system equipment



WARNING
Laser and Reproductive Harm
www.P65Warnings.com
Made in Vietnam
Conforms to UL1741, UL16099
Certified to CSA C22.2 #1707.1

REbus DC Nanogrid
OUTPUT

IMPORTANT INSTALLATION INSTRUCTIONS:



Max 400V Input
SINGLE STRING INPUT
Dual string input requires approval.
Output:
Connect PV Links to inverter REbus terminals in parallel.

MAX CONT. OUTPUT POWER	200 W
VOLAGE POWER	+1 W
MAX. POWER INPUT VOLTAGE	200 VAC VDC
MAX. POWER INPUT VOLTAGE	50 VAC VDC
MAX. INPUT VOLTAGE	400 V
MAX. INPUT CURRENT (CONT.)	10 A
MAX. INPUT CURRENT (PEAK)	15 A
MAX. OUTPUT CURRENT (CONT.)	10 A
MAX. OUTPUT CURRENT (PEAK)	15 A
MAX. OUTPUT CURRENT (SHUNT)	15 A
ENCLOSURE	TYPE 1X
POPULATION	600000
INSTALLATION	TYPE 1X

Sub-string
INPUT

WARNING: Do not touch the solar panel or the PV system components when the system is energized. Do not touch the solar panel or the PV system components when the system is energized.
CAUTION: Do not touch the solar panel or the PV system components when the system is energized. Do not touch the solar panel or the PV system components when the system is energized.
ATTENTION: Do not touch the solar panel or the PV system components when the system is energized. Do not touch the solar panel or the PV system components when the system is energized.







Handwritten text in blue ink on a plastic bag, possibly indicating a date or project name.







GENEPO
PV Link
PV Sub
MP



ENCLOSURE MUST BE GROUNDED
for REBUS communication

SCP: 0091002A3694
S/N: 02502-E0778
MFD: W
02/21 2008

1
REBUS DC Nanogrid
OUTPUT

GENERAC PV LINK

IMPORTANT INSTALLATION

INSTRUCTIONS:

Input:
Max 400V temperature corrected V_{oc}
SINGLE STRING INPUT
Dual string input requires approval

Output:
Connect PV Links to inverter RE bus
terminable in parallel.





ENCLOSURE MUST BE GROUNDED
for ESDV (see manufacturer's instructions)

ICN: 5001022084
S/N: 83802-28738
MFG. D:
Date: 02-22 2018

1
Rebus DC Nanogrid
OUTPUT

GENERAC

IMPORTANT INSTALLATION INSTRUCTIONS



Input:
Max 420V temperature corrected V_{oc}
SINGLE STRING 300W
Dual string input requires approval

Output:
Connect PV Links to inverter DC bus
terminals in parallel.

compatible with
and shutdown system equipment

Link / S2502











GENERAC PV Link V S2502
1500W
24VDC
120VAC
UL 1741
UL 6174
UL 6181
UL 6182
UL 6183
UL 6184
UL 6185
UL 6186
UL 6187
UL 6188
UL 6189
UL 6190
UL 6191
UL 6192
UL 6193
UL 6194
UL 6195
UL 6196
UL 6197
UL 6198
UL 6199
UL 6200

Wiring inside the junction box, including a red wire and a green ground wire.

Red-handled wire cutters resting on the middle rail.

Clear plastic bag containing additional wiring or components.

Top of the installer's feet wearing brown work boots.

High-visibility yellow safety vest and blue work pants of the installer.















PEGASUS SOLAR

100% COPOLYMER
UL 100















































GENERAC PV Link / S2502
120V AC Input
24V DC Output
100A Max Current
100V Max Voltage
100V Max Power
100V Max Energy
100V Max Power
100V Max Energy

**REbus DC Manegrid
OUTPUT**



Parameter	Value
Max Current	100A
Max Voltage	100V
Max Power	100V
Max Energy	100V







ENCLOSURE MUST BE GROUNDED
Per NEC 250.4 and 250.5

DATE: 08/08/2014
BY: [Signature]
REV: 0
Date: 04-22

GENERAC PV Link / S2502

SnapFit™ compatible substrate receiver
PV rapid shutdown system equipment

1
REBUS DC Nanogrid
OUTPUT

IMPORTANT INSTALLATION INSTRUCTIONS:



WARNING: Always disconnect the PV system before working on the PV system equipment.

CAUTION: Do not touch the PV system equipment when the PV system is energized.

DISCONNECT: Disconnect the PV system before working on the PV system equipment.

ATTENTION: Do not touch the PV system equipment when the PV system is energized.

ENCLOSURE MUST BE GROUNDED
Per NEC 250.4 and 250.5

REBUS DC
Nanogrid
OUTPUT







ENCLOSURE MUST BE GROUNDED
for REBUS communication



WARNING
CAUTION AND INFORMATIONAL
www.hpsolar.com

Made in Vietnam
Conforms to UL 1741, UL 1699B
Certified to CSA C22.2 #197.1

3300 W
-11V
200-300 VDC
80-300 A/C
475 V
425 V
425V - DC Nonspike
40°C
38 A
13 A @ 30°C, 10 A @ 70°C
18 A
18 A
18 A

ENVIRONMENTAL PROTECTION
(OPERATING)
PHASE CURRENT
(COLD START)
(MAX)

TYPE OF CONVECTIVE
8000 T Convection DC, Acc'd with
GFCI Protection, Type 1, 201502

CAUTION: SUN EXPOSURE
RISKS OPTIMIZED DURING INLET ZERO CURRENT TO SOLAR
COSTS OF 0.00, MAINTENANCE FROM CONTROLLER OR

IS CONDUCTIVE TO A 200V DC TO PREVENT THE SOLAR SYSTEM
DURING LOW VOLTAGE AND TO PREVENT THE SOLAR SYSTEM FROM
DURING LOW VOLTAGE AND TO PREVENT THE SOLAR SYSTEM FROM



Refer to Instructions for conditions of use

PV Substring
INPUT









ENCLOSURE MUST BE GROUNDED
for REbus communication



RCP: 0001002341DC
S/N: S2502-E9574
MFG: B
Date: Q2-22

ENCLOSURE MUST BE GROUNDED
for REbus communication



GENERAC

PV Link / S2502

SnapRS™ compatible substring optimizer

PV rapid shutdown system equipment



Intertek
5014992

WARNING
CANCER AND REPRODUCTIVE HARM
www.P65Warnings.ca.gov

Made in: Vietnam
Conforms to UL1741, UL1699B
Certified to CSA C22.2 #107.1

IMPORTANT INSTALLATION INSTRUCTIONS:



Input:

Max 420V temperature corrected V_{oc}
SINGLE STRING INPUT

Dual string input requires approval.

Output:

Connect PV Links to inverter REbus
terminals in parallel.

MAX CONT. OUTPUT POWER	1500 W
STANDBY POWER	< 1 W
RATED POWER INPUT VOLTAGE	200-360 VDC
MPP INPUT VOLTAGE	60-360 VDC
MAX INPUT VOLTAGE	420 V
MAX OUTPUT VOLTAGE	420 V
OUTPUT	REbus™ DC Nanogrid
MAX AMBIENT TEMP	50°C
MAX OUTPUT OVERCURRENT PROTECTION	30 A
MAX INPUT CURRENT (OPERATING)	13 A @ 50°C, 10 A @ 70°C
MAX INPUT CURRENT (SHORT CIRCUIT)	18 A
MAX OUTPUT CURRENT (CONTINUOUS)	8 A
MAX OUTPUT CURRENT (FAULT)	18 A
ENCLOSURE	TYPE 4X
TOPOLOGY	BOOST CONVERTER
PROTECTIONS:	DC/DC Photovoltaic DC Arc-Fault Circuit-Protection, Type 1, PVRS2

REbus Controlled Conductor Connection Port
Refer to instructions for conditions of use

REbus DC Nanogrid
OUTPUT

REbus Controlled Conductor Connection Port
Refer to instructions for conditions of use

PV Substring
INPUT

WARNING: ELECTRIC SHOCK HAZARD - THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED. ELECTRIC SHOCK HAZARD - DC OUTPUT CONDUCTORS MAY BE ENERGIZED REGARDLESS OF SUN EXPOSURE.

CAUTION: RISK OF ELECTRIC SHOCK - WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT, IT SUPPLIES A DC VOLTAGE TO EQUIPMENT. COVER PV MODULE IN OPaque MATERIAL BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER. DURING FAULT, ZERO CURRENT IS SOURCED INTO DC ARRAY BY THIS CONVERTER. INSTALL IN ACCORDANCE WITH ALL LOCAL ORDINANCES. HOT SURFACE - TO REDUCE THE RISK OF BURNING DO NOT TOUCH. RAPID SHUTDOWN DEVICE AUTOMATICALLY DISCONNECTS PV ARRAY - LOSS OF GRID, MANUAL SHUTDOWN FROM CONTROLLER, OR ANY FAULT ON REBUS™ DC NANOGRID WILL AUTOMATICALLY DISCONNECT ARRAY FROM GRID.

AVERTISSEMENT: RISQUE DE CHOC ELECTRIQUE - LES CONDUCTEURS DC DE CE SYSTEME PHOTOVOLTAIQUE NE SONT PAS RELIES A LA TERRE ET POURRAIENT ETRE SOUS TENSION. RISQUE DE CHOC ELECTRIQUE - LES CONDUCTEURS A SORTIE DC POURRAIENT ETRE SOUS TENSION INDEPENDAMMENT DE LEURS EXPOSITIONS AU SOLAIRE.

ATTENTION: RISQUE DE CHOC ELECTRIQUE - LORSQUE LE GENERATEUR PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE, IL FOURNIT UNE TENSION CONTINUE A L'APPAREIL. COUVREZ LE MODULE PHOTOVOLTAIQUE D'UN MATERIAU OPAQUE AVANT DE BRANCHER OU DE DEBRANCHER CET OPTIMISSEUR. EN CAS DE DEFAUT, IL NE DESTINE AUCUN COURANT ENTRE CE CONVERTISSEUR ET LE GENERATEUR. CONTRÔLEZ EN CONCORDANCE AVEC TOUS LES REGLEMENTS LOCAUX. SURFACE CHAUDE - AFIN DE REDUIRE LE RISQUE DE BRULURES, NE TOUCHEZ PAS. SYSTEME D'ARRÊT RAPIDE: L'APPAREIL SE DECONNECTE AUTOMATIQUÉMENT DU GENERATEUR PHOTOVOLTAIQUE - EN CAS DE PERTE DE RESEAU, D'ARRÊT MANUEL DE COMMANDE ELECTRIQUE, OU DE DETACHEMENT DU SYSTEME "REBUS™ DC NANOGRID", LE GENERATEUR SE DECONNECTERA DU RESEAU PRINCIPAL.

















PEGASUS
SOLAR
51705
5157933

ENCLOSURE MUST BE GROUNDED
for REBUS communication



NO SURGE
PROTECTION
OR
GFCI

GENERAC PV Link / S2502
S2502
REBUS

IMPORTANT INSTALLATION INSTRUCTIONS





ENCLOSURE MUST BE GROUNDED
for REbus communication



RCP: 0001002341DC
S/N: S2502-E9674
MFG: B
Date: Q2-22



Link / S2502
rebus communication

MISSION SOLAR
ENERGY



Serial No. **M220212-A0179**



Model Number		MSE345SX5T
Rated Maximum Power	[W]	345 (-0/+3%)
Open – Circuit Voltage	[V]	41.0
Voltage at Pmax	[V]	33.4
Short – Circuit Current	[A]	10.92
Current at Pmax	[A]	10.34
Max. System Voltage	[V]	1000
Max. Series overcurrent protective device (where required) fuse rating	[A]	20
Standard test condition		AM=1.5 E=1000W/m ² Tc=25°C

For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.

Fire Rating : Type 1

Class of Equipment: Class II

Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load



Warning

PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.



Buy American Act & the American Recovery and Reinvestment Act



MODULES
ASSEMBLED
DESIGNED &
ENGINEERED
IN THE USA
OF U.S. AND NON-U.S. PARTS

Address:
8303 S. New Braunfels Ave.
San Antonio, TX 78235

ASSEMBLED IN THE USA



Serial No. **M220212-A0179**



Model Number		MSE345SX5T
Rated Maximum Power	[W]	345 (-0/+3%)
Open – Circuit Voltage	[V]	41.0
Voltage at Pmax	[V]	33.4
Short – Circuit Current	[A]	10.92
Current at Pmax	[A]	10.34
Max. System Voltage	[V]	1000
Max. Series overcurrent protective device (where required) fuse rating	[A]	20
Standard test condition		AM=1.5 E=1000W/m² Tc=25°C

For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.

Fire Rating : Type 1

Class of Equipment: Class II

Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load



Warning

PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.



Address:
8303 S. New Braunfels Ave.
San Antonio, TX 78235

ASSEMBLED IN THE USA



CAUTION

CAUTION

CAUTION

365
AMERICAN ROAD
• 100% 10-YEAR WARRANTY
• INSTANT APPROVAL
• HIGHEST QUALITY
• 5-STAR RATED
JOIN THE MILLIONS OF
PEOPLE WHO ARE
SWITCHING TO

922 365 7657

SAFETY DATA SHEET

AMERICAN ROAD

PROPERTY	VALUE	PROPERTY	VALUE
Model Number	365	Max. Voltage	240V
Max. Current	100A	Max. Power	24,000W
Max. Voltage	240V	Max. Power	24,000W
Max. Current	100A	Max. Power	24,000W
Max. Power	24,000W	Max. Power	24,000W

WARNING: This equipment is not to be used for anything other than the intended purpose. It is not to be used for anything other than the intended purpose. It is not to be used for anything other than the intended purpose.

CAUTION: This equipment is not to be used for anything other than the intended purpose. It is not to be used for anything other than the intended purpose. It is not to be used for anything other than the intended purpose.

GENERAC
PWR CELL



Eaton



nan



CAUTION



GENERAC
PWR CELL



CAUTION
ELECTRIC SHOCK
Hazardous Voltage
Do Not Open
Call for Service



CAUTION



147 KENSINGTON, PR Spring Lake

PV Positive

NC 28390

PV Negative/Neutral

For terminal torque loads, see Table on page 5 of Instruction manual



RE OUTPUT

MC4 SOCKET

1015

HUK

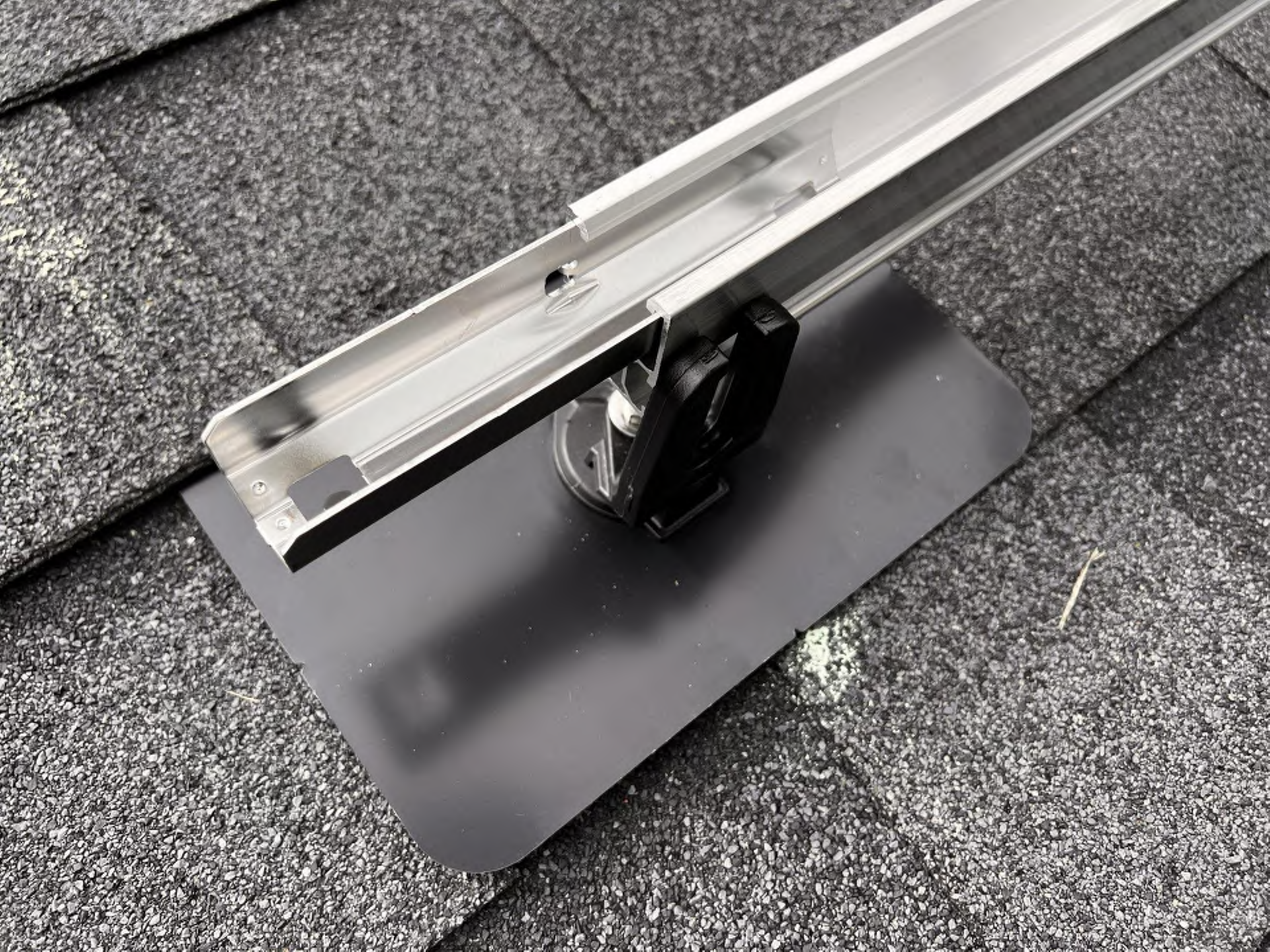


















Serial No. **M220212-B0666**



Model Number		MSE345SX5T
Rated Maximum Power	[W]	345 (-0/+3%)
Open – Circuit Voltage	[V]	41.0
Voltage at Pmax	[V]	33.4
Short – Circuit Current	[A]	10.92
Current at Pmax	[A]	10.34
Max. System Voltage	[V]	1000
Max. Series overcurrent protective device (where required) fuse rating	[A]	20
Standard test condition		AM=1.5 E=1000W/m² Tc=25°C

For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.

Fire Rating : Type 1

Class of Equipment: Class II

Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load



Warning

PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.



Address:
8303 S. New Braunfels Ave.
San Antonio, TX 78235

ASSEMBLED IN THE USA

Jeff
Darker
Tony
Eien
Jose



MISSION SOLAR
ENERGY



Serial No. **M220212-B0666**



Model Number		MSE345SX5T
Rated Maximum Power	[W]	345 (-0/+3%)
Open – Circuit Voltage	[V]	41.0
Voltage at Pmax	[V]	33.4
Short – Circuit Current	[A]	10.92
Current at Pmax	[A]	10.34
Max. System Voltage	[V]	1000
Max. Series overcurrent protective device (where required) fuse rating	[A]	20
Standard test condition		AM=1.5 E=1000W/m ² Tc=25°C

For field connections, use Cu only, 12AWF (US, CANADA), 4mm² (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.

Fire Rating : Type 1

Class of Equipment: Class II

Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load



LISTED
PHOTOVOLTAIC MODULE
OVER 600 HOURS E364748



Warning

PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière. Ne pas ouvrir la boîte de jonction.



Buy American Act & the American
Recovery and Reinvestment Act



MODULES
ASSEMBLED
DESIGNED &
ENGINEERED
IN THE USA
OF U.S. AND NON-U.S. PARTS

TM

Address:
8303 S. New Braunfels Ave.
San Antonio, TX 78235

ASSEMBLED IN THE USA

Jeff
Parker
Tony
Rien
Jose





Jeff
Pete
Tony
Pien
Jose











Jeff
Harber
Tom
Ben
Joe





JEFF
Parker
TONY
P. en
Jase



Jeff
Darker
Tony
Rien
Jose





Left for the day





Left
Right
Top
Bottom







Just
the best
position
for you







Spring later
negative Neutral
action manual

PV INPUT





Singapore, PR Spring 10th
28390
PV Negative/Neutral
Table on page 5 of instruction manual

PV INPUT ⊕





Kensington, PR Spring later

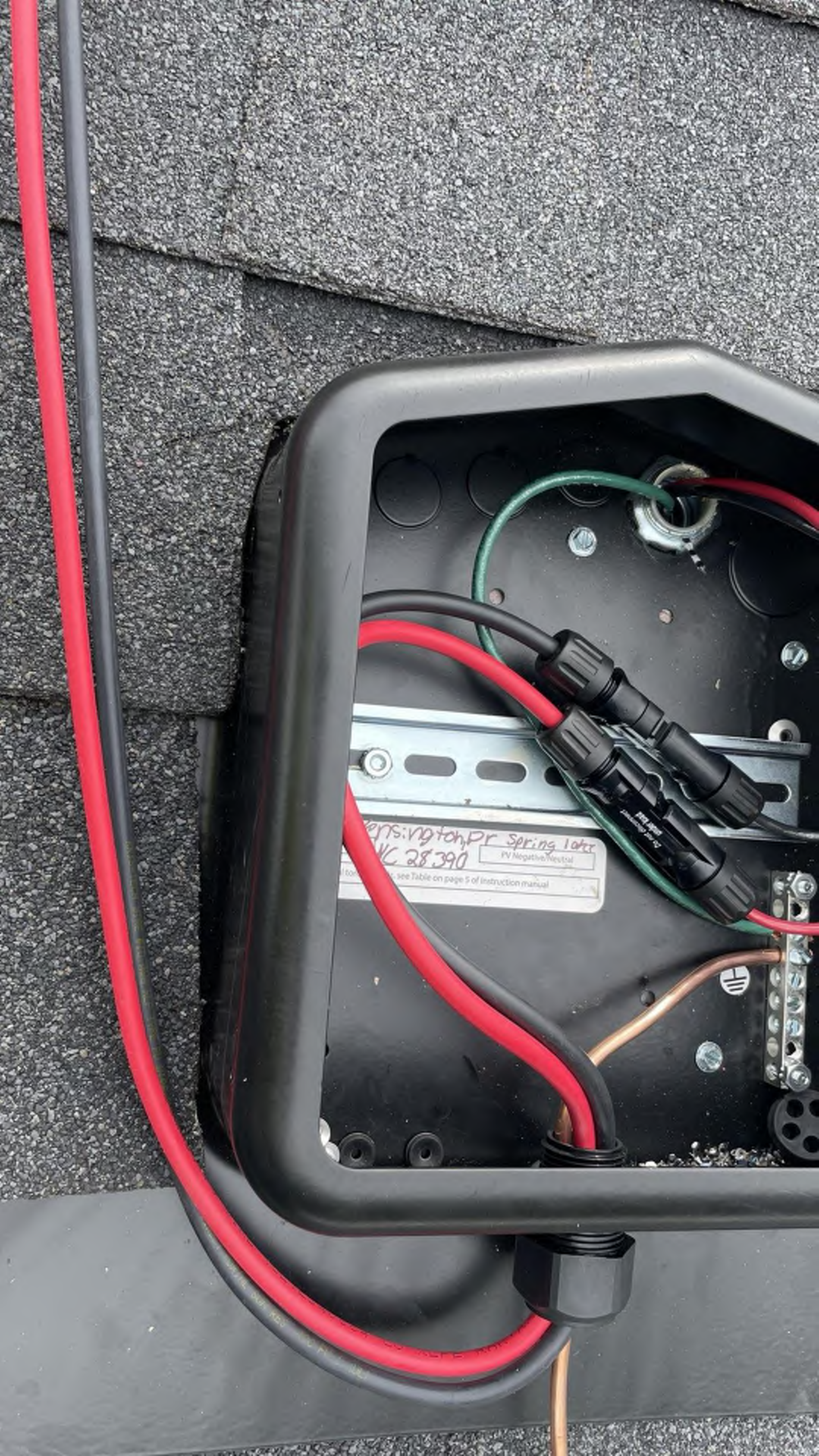
NC 28390

PV Negative Terminal

see Table on page 5 of instruction manual



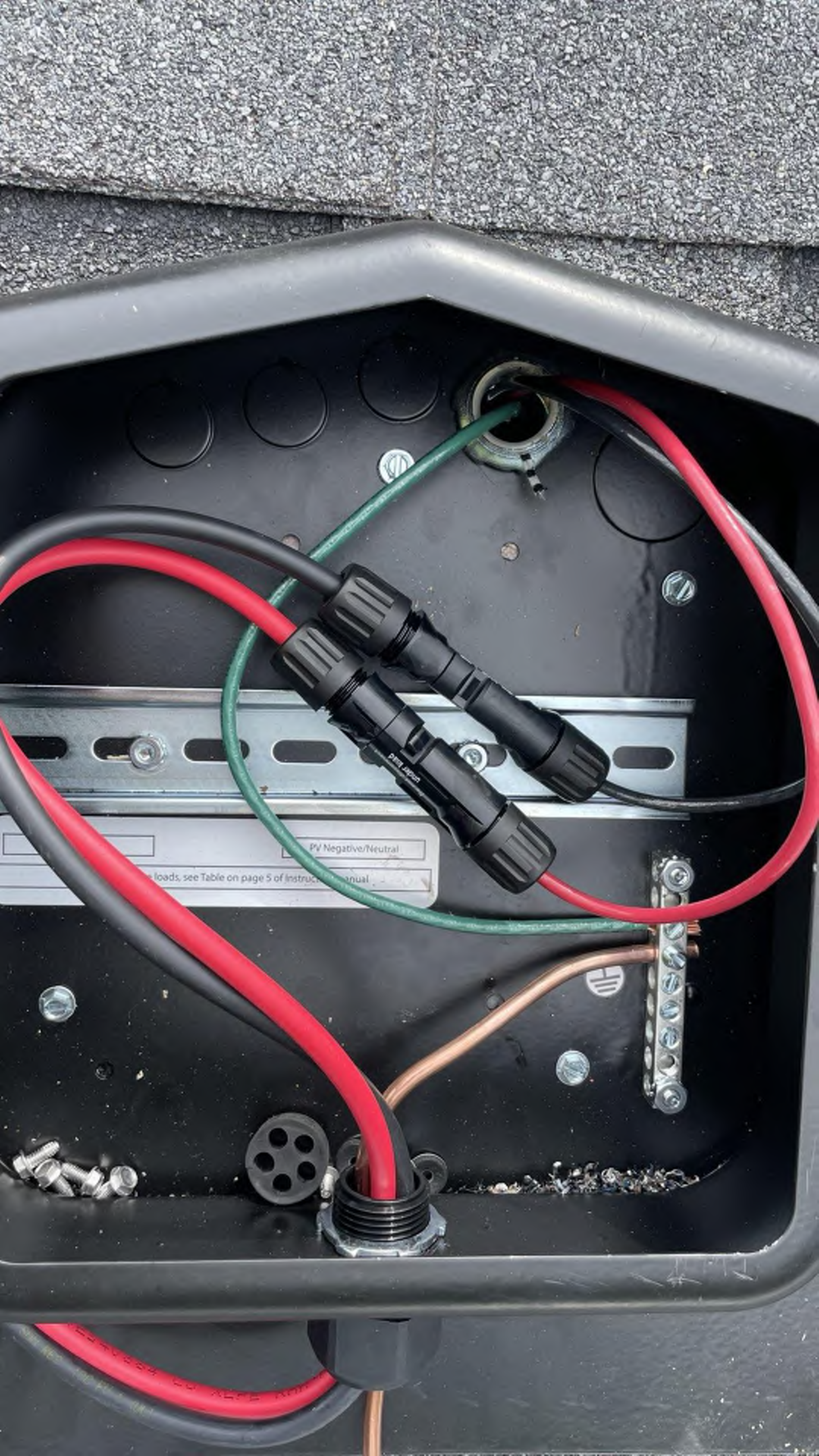
Left: Vinton, PR Spring 10hr
MC 28390
PV Negative/Neutral
see Table on page 5 of instruction manual



Address: Winton, Pr Spring Lake
NC 28390
PV Negative/Neutral
see Table on page 5 of instruction manual



Kerr's Spring 10hr
TV Negative/Neutral
longer leads, see Table
...tion manual





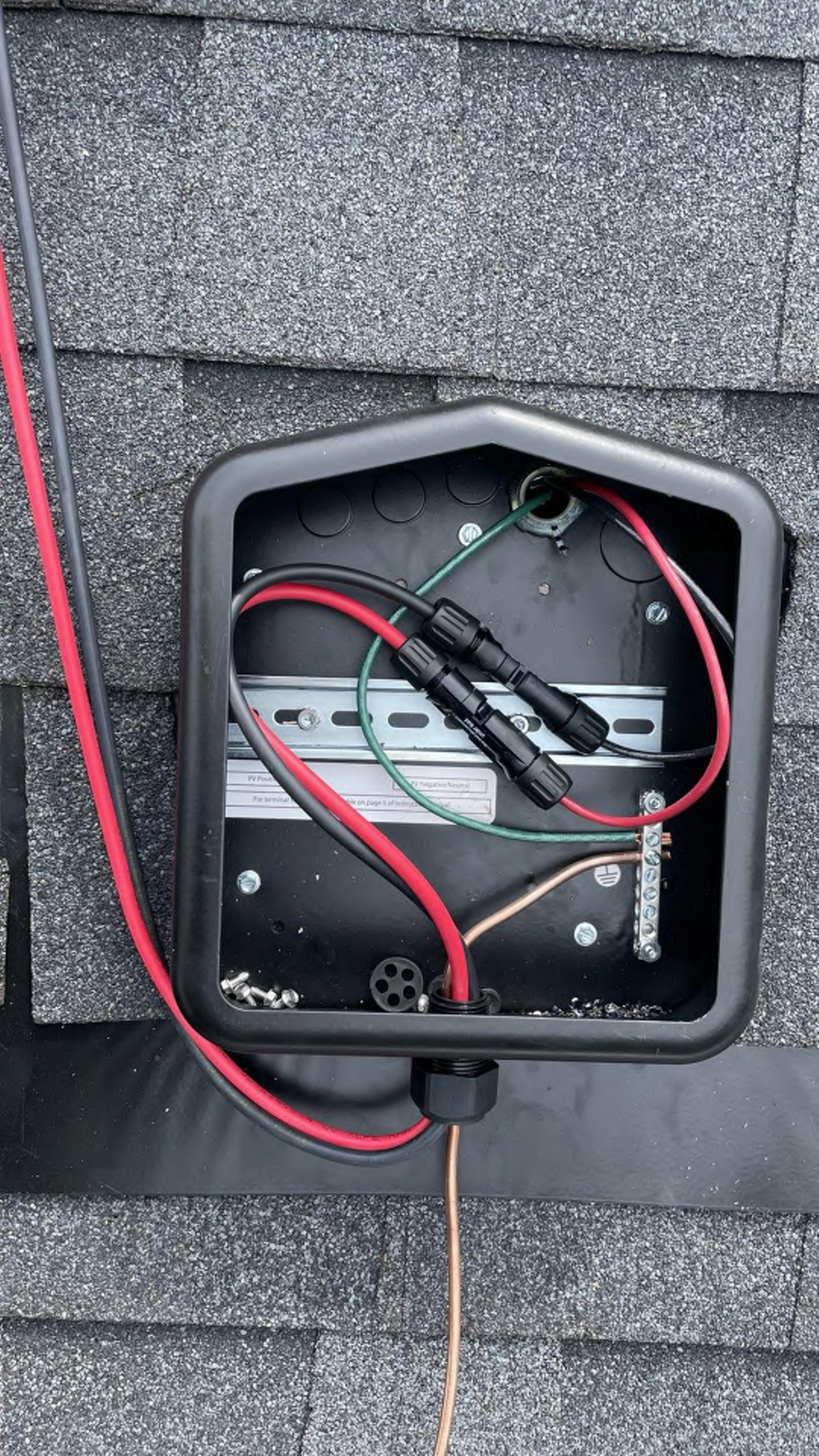
PV Positive

PV Negative/Neutral

For term... See Table on page 5 of Instruction Manual



If Positive/Neutral
For terminal...
See on page 5 of instructions...



PV Positive
PV Negative/Neutral
For terminal block see page 3 of instruction manual

SOLADISK
Max Rating: 600VDC/11A AMP/240VAC/30 AMP/ Shock-Current 10KA, Ambient Temp 75C
WARNING
AVERTISSEMENT

SOLAR PV DC CIRCUIT
WARNING: PHOTOVOLTAIC POWER SOURCE

Enterprises
No. 09 7906118

⊕
LADIN PV





PV Negative/Neutral

See on page 5 of Instruction Manual



ENCLOSURE MUST BE GROUNDED
for Rebus communication



RCP: 0001002344DA
S/N: S2502-E9830
MFG: B
Date: 02-22

ENCLOSURE MUST BE GROUNDED
for Rebus communication



+

Rebus DC Nanogrid
OUTPUT

PVRSS Controlled Conductor Connection Port
Refer to instructions for conditions of use

SNAPRAC

PV Link / S2502

SnapsR™ compatible substring optimizer

PV rapid shutdown system equipment



Intertek
5014992

Made in Vietnam
Conforms to UL 1741, UL 1699B
Certified to CSA C22.2 #107.1

WARNING
CHARGE AND REPRODUCTIVE HAZARD
www.intertek.com

IMPORTANT INSTALLATION INSTRUCTIONS:



Max 420V Temperature
SINGLE STRING INPUT:
Dual string input requires approval.
Output:
Connect PV Links to inverter Rebus
terminals in parallel.

MAX CONT. OUTPUT POWER	2500 W
STANDBY POWER	< 1 W
MAX INPUT POWER	200-360 WPC
MAX INPUT VOLTAGE	60-300 VDC
MAX INPUT CURRENT	420 V
MAX INPUT CURRENT (CONTINUOUS)	420 V
MAX OUTPUT CURRENT (MULTI ENCLOSEURE)	18 A
MAX OUTPUT CURRENT (SINGLE ENCLOSEURE)	18 A
MAX INPUT CURRENT (SINGLE ENCLOSEURE)	18 A
MAX INPUT CURRENT (CONTINUOUS)	18 A
MAX OUTPUT CURRENT (SINGLE ENCLOSEURE)	18 A
MAX OUTPUT CURRENT (CONTINUOUS)	18 A
MAX INPUT CURRENT (SINGLE ENCLOSEURE)	18 A
MAX INPUT CURRENT (CONTINUOUS)	18 A
MAX OUTPUT CURRENT (SINGLE ENCLOSEURE)	18 A
MAX OUTPUT CURRENT (CONTINUOUS)	18 A

PVRSS Controlled Conductor Connection Port
Refer to instructions for conditions of use

-

Substring
INPUT

+

Substring
INPUT

WARNING: ELECTRIC SHOCK HAZARD - THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED. ELECTRIC SHOCK HAZARD - DC OUTPUT CONNECTIONS MAY BE ENERGIZED REGARDLESS OF SUN EXPOSURE.

CAUTION: RISK OF ELECTRIC SHOCK - WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT IT SUPPLIES A DC VOLTAGE TO DISARM THE INVERTER CONTROL. BEFORE CONNECTING OR DISCONNECTING THE PHOTOVOLTAIC ARRAY, MAKE SURE THE INVERTER CONTROL IS DISARMED. ALWAYS WEAR PROTECTIVE GEAR AND FOLLOW THE PHOTOVOLTAIC ARRAY MANUFACTURER'S SAFETY INSTRUCTIONS.

AVERTISSEMENT: RISQUE DE CHOC ELECTRIQUE - LES CONDUCTEURS DE CE SYSTEME PHOTOVOLTAIQUE NE SONT PAS MIS A LA TERRE ET PEUVENT ETRE ENERGISES EN PRESENCE DE LA LUMIERE. RISQUE DE CHOC ELECTRIQUE - LES CONDUCTEURS A SORTIE DE COURANT CONTINU PEUVENT ETRE ENERGISES EN PRESENCE DE LA LUMIERE. AVANT DE RACCORDER OU DE DERACCORDER LE SYSTEME PHOTOVOLTAIQUE, VEILLER A CE QUE LE SYSTEME PHOTOVOLTAIQUE SOIT DEBRAYE.

ATTENTION: RISK OF ELECTRIC SHOCK - WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT IT SUPPLIES A DC VOLTAGE TO DISARM THE INVERTER CONTROL. BEFORE CONNECTING OR DISCONNECTING THE PHOTOVOLTAIC ARRAY, MAKE SURE THE INVERTER CONTROL IS DISARMED. ALWAYS WEAR PROTECTIVE GEAR AND FOLLOW THE PHOTOVOLTAIC ARRAY MANUFACTURER'S SAFETY INSTRUCTIONS.











ENCLOSURE MUST BE GROUNDED
for REBUS communication

SCP: 0091002A3694
S/N: 02502-E0778
MFD: W
02/21 2008

1
REBUS DC Nanogrid
OUTPUT

GENERAC PV LINK

IMPORTANT INSTALLATION INSTRUCTIONS

Input:
Max 400V temperature corrected V_{oc}
SINGLE STRING INPUT
Dual string input requires approval

Output:
Connect PV Links to inverter RE bus
terminable in parallel.





Handwritten text in blue ink on a plastic bag, possibly indicating a date or project name.





ENCLOSURE MUST BE GROUNDED
for ESDV (see manufacturer's instructions)

ICN: 5001022084
S/N: 83802-28738
MFG. D:
Date: 02-22 2018

1
Rebus DC Nanogrid
OUTPUT

GENERAC

IMPORTANT INSTALLATION INSTRUCTIONS



Input:
Max 420V temperature corrected V_{oc}
SINGLE STRING 300W
Dual string input requires approval

Output:
Connect PV Links to inverter DC bus
terminals in parallel.

compatible with
and shutdown system equipment

Link / S2502











45

45

On/I

On/I

OFF/O

OFF/O

OFF/O

OFF/O

Common Trip

Common Trip



EATON
Type BR245
Type C245
120 / 240 V --
Cu/Al #6 Max Wire
HACR Type
2 Pole J-969
E7919 - T
LR43556 Del.

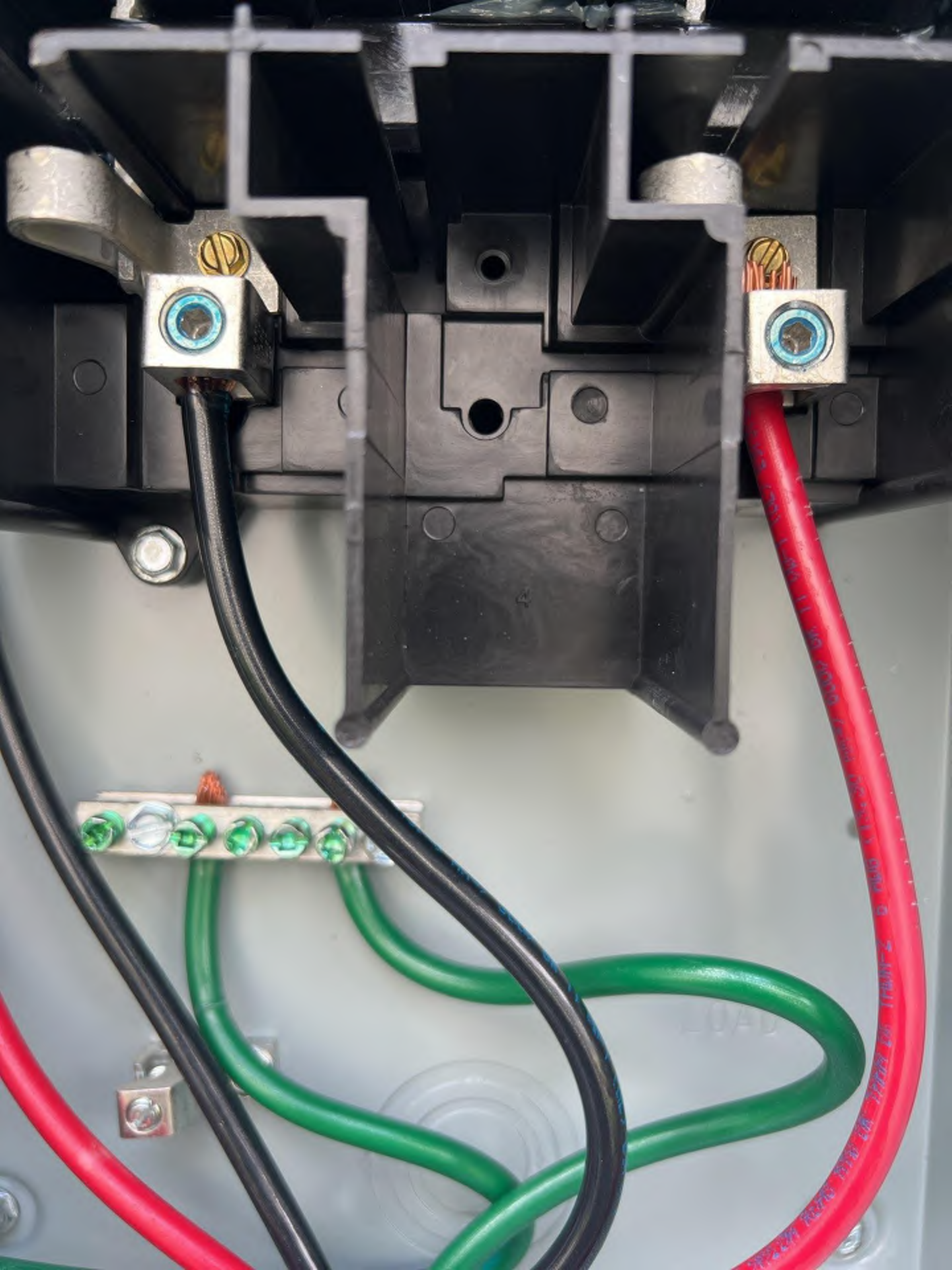
EATON
Type BR240
Type C240
120 / 240 V --
Cu/Al
HACR Type
2 Pole J-969
E7919 - T
LR43556 Del.

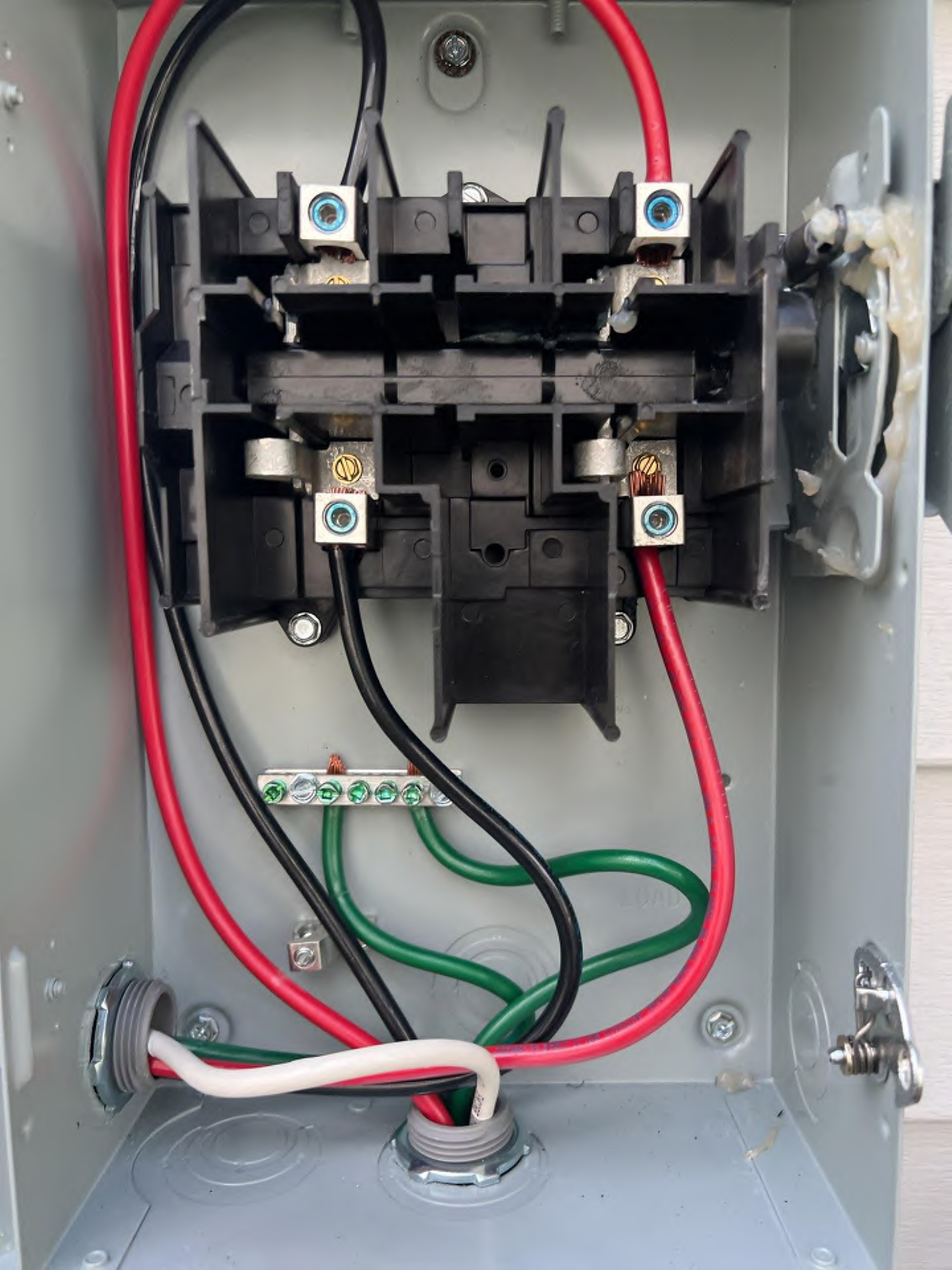
40

40











PLASTER BOARD

UP





















552-7775
nshelter.com

NATIONAL SHELTER
CTS, INC.



G | WATER-RESISTANT BARRIER | DRAFT STOP

Structural Weather



552-7775
nshelter.com

NATIONAL SHELTER
PRODUCTS, INC.



Call
mum
Call
tes

DRYline
TSX

DRYline
TSX











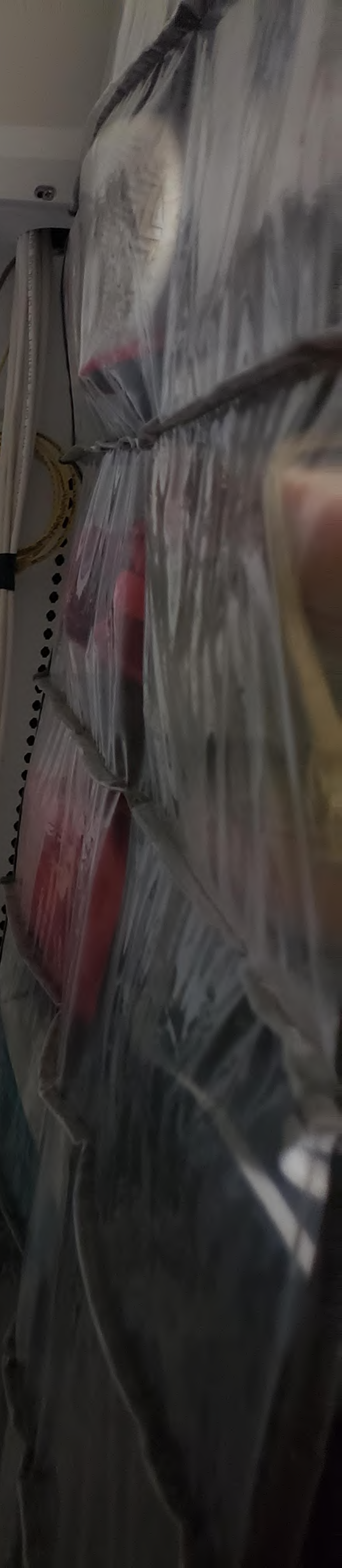


CenturyLink
Model Number: C670000
Serial: CenturyLink2887
Type: WPA3
Address: 47604670000
O/S Address: 192.168.0.1
Username: admin
Password: Tplink



ONQ
PART NO: ENP2004A
27" Plastic Hinged Cover With Vent
PC 1701
B-EP
MADE IN USA

CenturyLink
2.5 Gbps CenturyLink200T
Address: CenturyLink200T_05
City Type: 0742 AES
Telephone: 07653470000
Fax: 0754725
City: 08216A S1
Country: us
Service: Typical





ADVLINE

NSP

DRAFT

NSP

NSP

Call Home
ates.c

ARD

10/0









0103736

Type FOCUS AXR-SD
FORM 2S CL200 240V 3W 60Hz TA=30 Kh 7.2
SOUTH RIVER EMC
TWACS 82785202

113 904 742
-543
0312
Landis+Gyr PATENT PENDING

The image shows the internal wiring of an electrical meter. A central terminal block contains 12 circuit breakers arranged in two columns of six. The breakers are labeled with their ratings: 60, 60, 45, 45, 40, 40 on the left column and 100, 100, 50, 50, 45, 45 on the right column. Each breaker has a 'On/Off' indicator. The breakers are connected to a complex network of wires, including several thick red wires, black wires, and a green ground wire. A green terminal block is connected to the wiring. The meter is mounted on a metal panel with a 'SUNLIGHT RESISTANT' label. A white electrical component is visible on the right side of the panel.

SUNLIGHT RESISTANT

WARNING
DO NOT TOUCH
INTERNAL PARTS
OF THE METER
OR SERVICE
CABLES

GENERAC PWR CELL



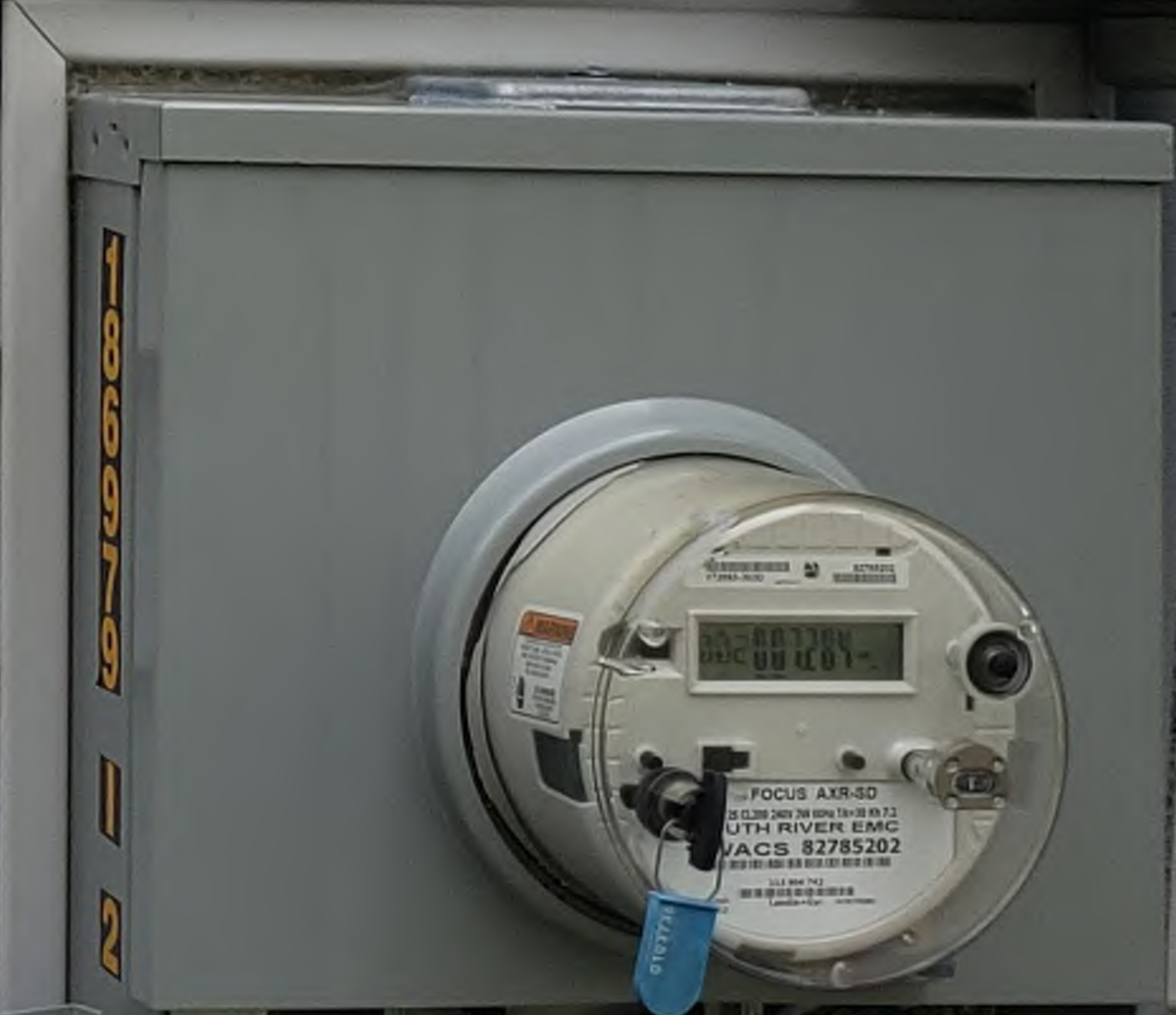
DO NOT REMOVE
UNTIL INSTALLATION IS COMPLETE



SCAN FOR INSTALLATION
STEPS AND RESOURCES OR VISIT
Generac.com/Genlink

System Registration:
Register your system
to activate:
- Monitoring
- Protection and Diagnostics
Live Firmware Updates:
Keep your unit
up to date with the latest
firmware.

System Registration Information:
SERIAL NUMBER: VV707-23420 REGISTRATION CODE: AUY-AYEK



+ RE1- RE3+ RE3- RE4+ RE4- RE2-

Terminals

WARNING: ALL INSTALLED CABLES MUST BE RATED FOR AT LEAST 420V. See installation manual for DC wiring.

CAUTION: Tighten DC Terminals to 1.35 Nm (12 in-lb). See installation manual for terminal torque. Use 6 AWG maximum AWG wire only for field wiring. Use copper conductors only.

ETHERNET

AWM I A 80°C 30V FT2

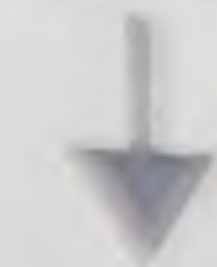
RE1



RE3



RE4



RE2



Terminal block with labels: RE1+, RE3+, RE3-, RE4+, RE4-, RE2+, RE2-

Terminal block with labels: RE1-, RE3-, RE4-, RE2-

DC

Wiring Terminals

WARNING: ALL INSTALLATIONS MUST BE MADE IN ACCORDANCE WITH THE INSTALLATION MANUAL FOR TERMINALS. USE ONLY 6 AWG MAXIMUM AWG WIRE ONLY. USE COPPER CONDUCTORS ONLY.

36 HOLEX 42816

1 2

ETHERNET

CM AWG 1A 80°C 30V FT2 ZHUANG



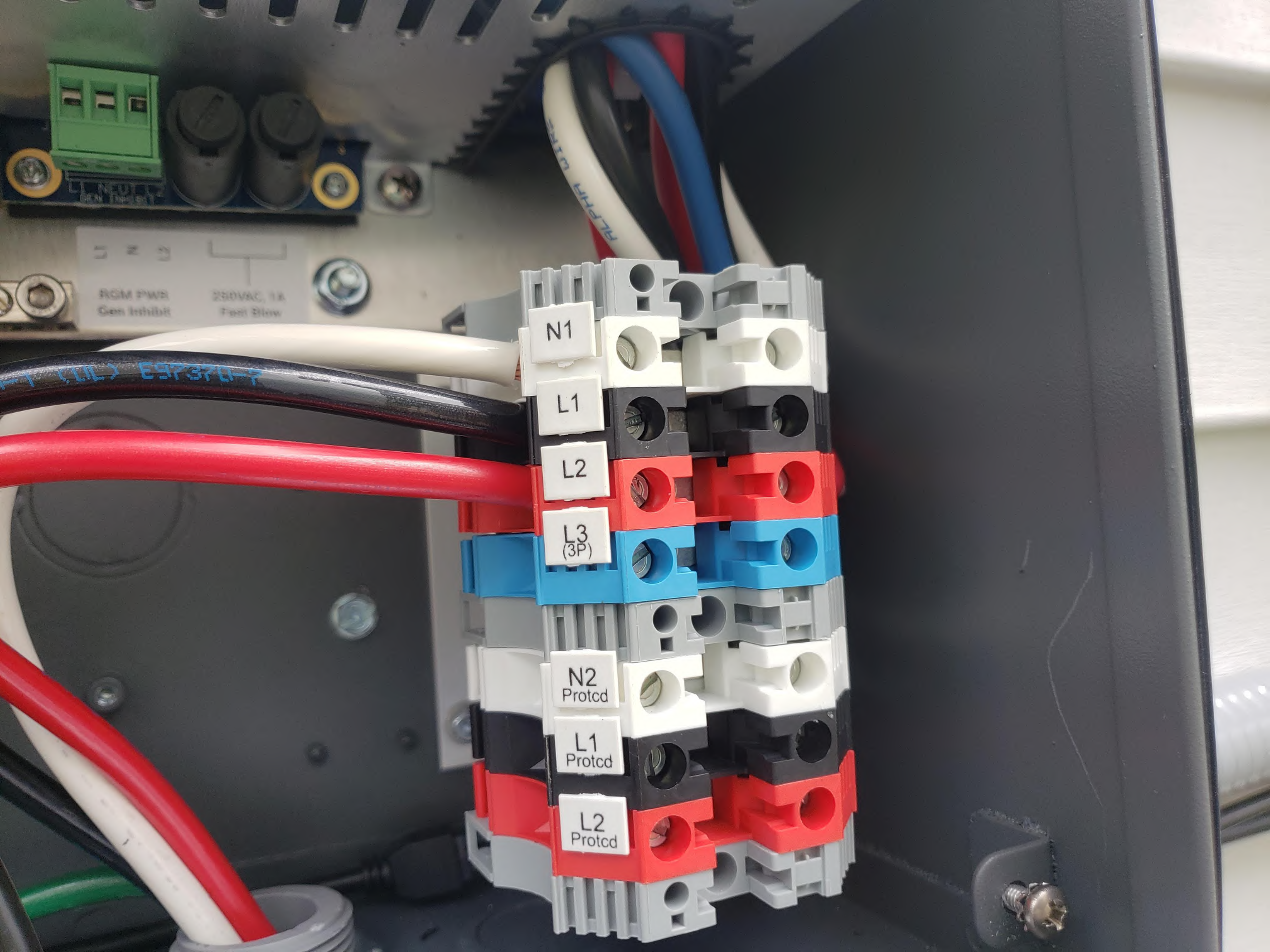
ATS

STOP

DCM PWR
Gen Inhibit

250VAC, 1A

600V GR 11



N1

L1

L2

L3
(3P)

N2
Protcd

L1
Protcd

L2
Protcd

RGM PWR
Gen Inhibit

230VAC, 1A
Fuel Blow

LT NEUTRAL
GEN TRIP

E97370-7



PEEL HERE

DO NOT REMOVE
UNTIL INSTALLATION IS COMPLETE



SCAN FOR INSTALLATION
STEPS AND RESOURCES OR VISIT
Generac.com/Startup

System Registration:

Register your system
to activate:

- Warranty
- PWRview and PWRfleet

Live Firmware Updates:

1-855-395-7841
8:00am-8:00pm ET,
Mon-Sat

After-hours Software Update:

Generac.com/PWRcell/Update

System Registration Information:

SERIAL NUMBER:
XVT07-23620

REGISTRATION CODE:
AUAY-AYEK

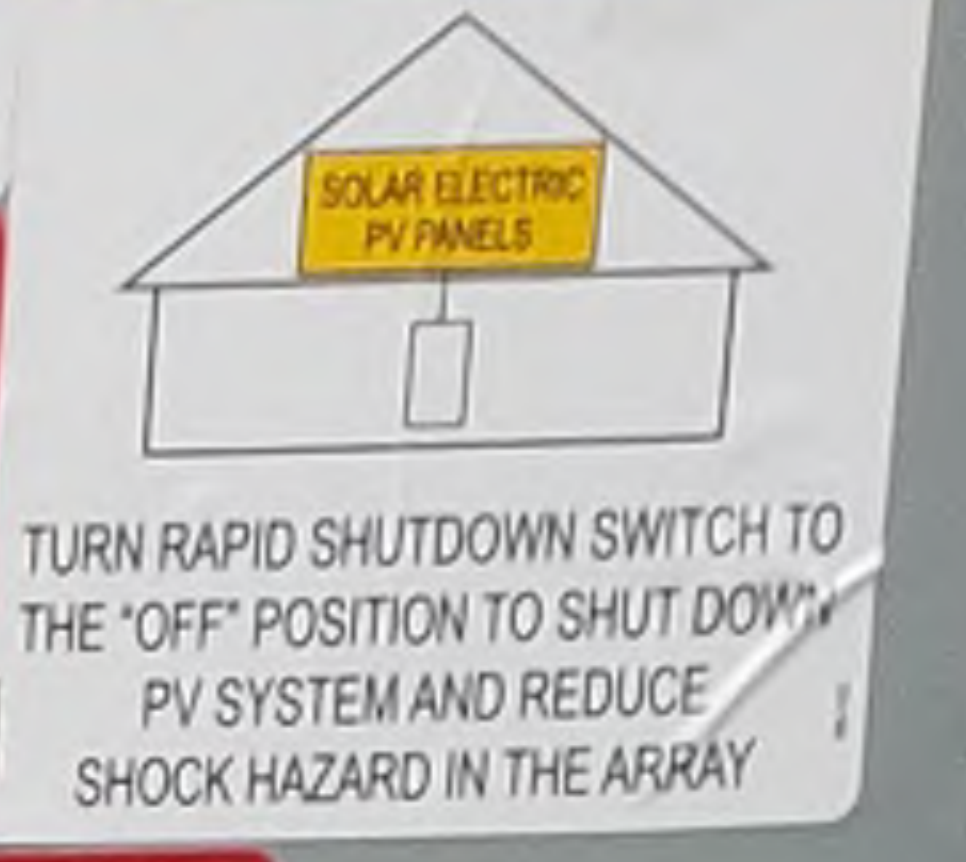


WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE
RATED AC
OUTPUT CURRENT **32.4** AMPS
NOMINAL OPERATING
AC VOLTAGE **250** VOLTS

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

**SOLAR PV SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN**



82785202
722663-3030

ERV 00000

Type FOCUS AXR-SD
FORM 25 CL200 240V 3W 60Hz TA-30 W-72
SOUTH RIVER ERM
TWACS 82785202

113 904 742
042
012

0103738

T203565
SEALED

WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

WARNING
POWER SOURCE
OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

**DIRECT CURRENT
PHOTOVOLTAIC
POWER SOURCE**
MAXIMUM VOLTAGE **240** VDC
MAX CIRCUIT CURRENT **32** AMPS

WARNING
TURN OFF PHOTOVOLTAIC
AC DISCONNECT PRIOR TO
WORKING INSIDE PANEL

WARNING
SOLAR ELECTRIC
CIRCUIT BREAKER
IS BACKFED

WARNING
SOLAR ELECTRIC BREAKER IS BACKFED

CAUTION
MULTIPLE SOURCES OF POWER

Eaton
CAT. NO. INTERRUPTEUR
30 AMP 125/250 VAC 1P
New Equipment Only (NE) - Approved

SUNLIGHT RESISTANT



GENERAC

PWR CELL



PV SYSTEM DISCONNECT

WARNING

ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE
AND LOAD SIDES
MAY BE ENERGIZED
IN THE OPEN POSITION

PHOTOVOLTAIC SYSTEM
DISCONNECT

MAXIMUM VOLTAGE **300**
MAXIMUM CIRCUIT CURRENT **30**
MAX. RATED OUTPUT CURRENT
OF THE CHARGE CONTROLLER OR
DC-TO-DC CONVERTER (IF INSTALLED)

RAPID SHUTDOWN SWITCH
FOR SOLAR PV SYSTEM
LOCATED BEHIND THIS LID

RAPID SHUTDOWN
PV ARRAY

EAT·N

General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general
20 A, 240 V, 50 Hz
Complete range model
Veuillez consulter les notices à l'intérieur
Información completa de capacidades en el
manual
Further instructions inside
Autres instructions à l'intérieur
Instrucciones adicionales en el manual
Made in U.S.A. / Fabriqué aux E.-U. / Hecho en E.U.A.

⚠ DANGER
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION
⚠ PELIGRO
RIESGO DE GOLPE ELÉCTRICO
LOS TERMINALES EN LA LÍNEA Y
EN LA CARGA PUEDEN ESTAR
ENERGIZADOS EN LA POSICIÓN
ABIERTA
Consulte las instrucciones
dentro del manual para
obtener información
completa de capacidades
y precauciones.
Consulte as instruções
dentro do manual para
obter informações
completas de capacidades
e precauções.



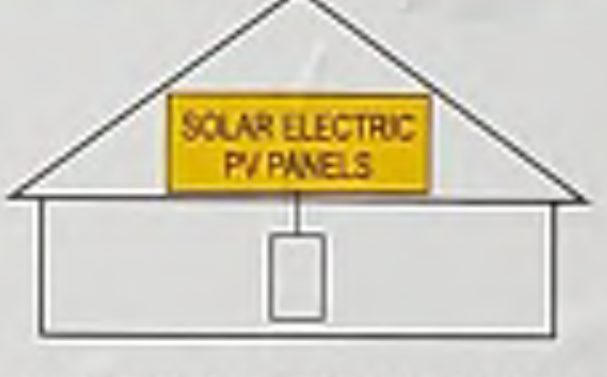
⚠ WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

AC DISCONNECT
PHOTOVOLTAIC SYSTEM
POWER SOURCE

RATED AC
OUTPUT CURRENT **32.5** AMPS
NOMINAL OPERATING
AC VOLTAGE **240** VOLTS

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

**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



Type FOCUS AXR-5
FORM 25 CL200 240V 3W 60Hz TA-
SOUTH RIVER B
TWACS 82785202
1.12 004 712
041 0712

⚠ WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

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

**DIRECT CURRENT
PHOTOVOLTAIC
POWER SOURCE**
MAXIMUM VOLTAGE **240** VDC
MAX. CIRCUIT CURRENT **32** AMPS



PWR CELL



PV SYSTEM DISCONNECT



WARNING

PWR CELL

PWRcell 2P Inv. -02
Inverter
grid connected
AC Power: 216W
AC Voltage: 247V
E-total: 14.5kWh

REbus Inverter

Internet

Shutdown (hold)

PV SYSTEM DISCONNECT



WARNING

ELECTRIC SHOCK HAZARD

PV Link 92502 -05
Photovoltaics
making power
Power: 266w
PV Voltage: 122v
E-total: 2.0kwh


REbus



Inverter



Internet



PV Link S2502 -06
Photovoltaics
making power
Power: 687W
PV Voltage: 247V
E-total: 22kWh

 REbus

 Inverter



Internet



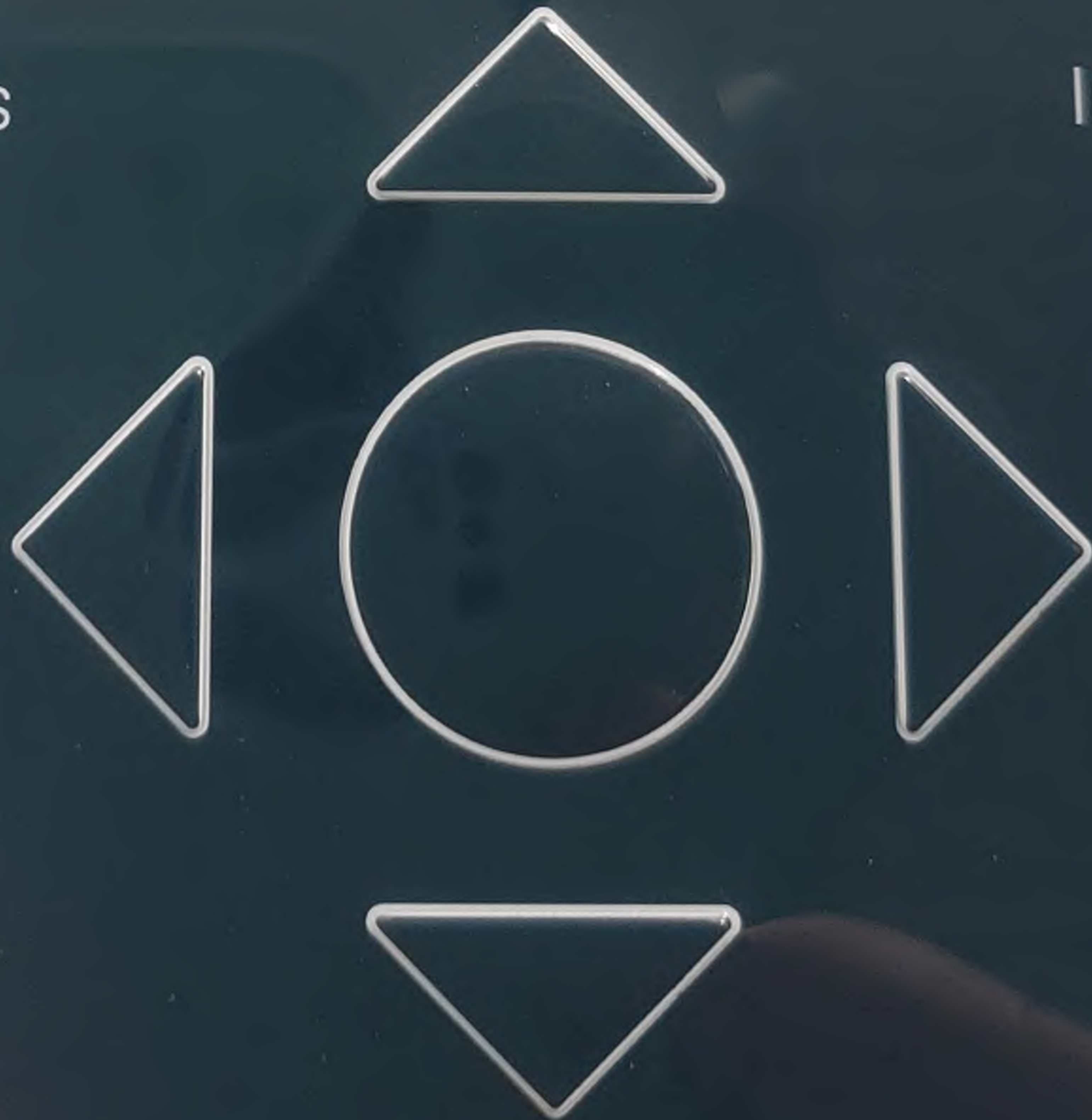
Shutdown
(hold)

PV SYSTEM DISC...

PV Link S2502 -04
Photovoltaics
making power
Power: 531w
PV Voltage: 231v
E-total: 4.1kwh


REbus


Inverter



Internet



Shutdown
(hold)

▲

SnapperInstalled:	4
SnapperDetected:	4
Override PURS:	off

Cancel Save

REbus

Inverter



Internet




Shutdown
(hold)

SnapRSInstalled: 0
SnapRSDetected: 0
Override PURSS: off

Cancel

Save

 REbus

 Inverter

Internet




▲

SnapRSInstalled:	00
SnapRSDetected:	00
Override PURSS:	off

Cancel

Save


REbus


Inverter



Internet



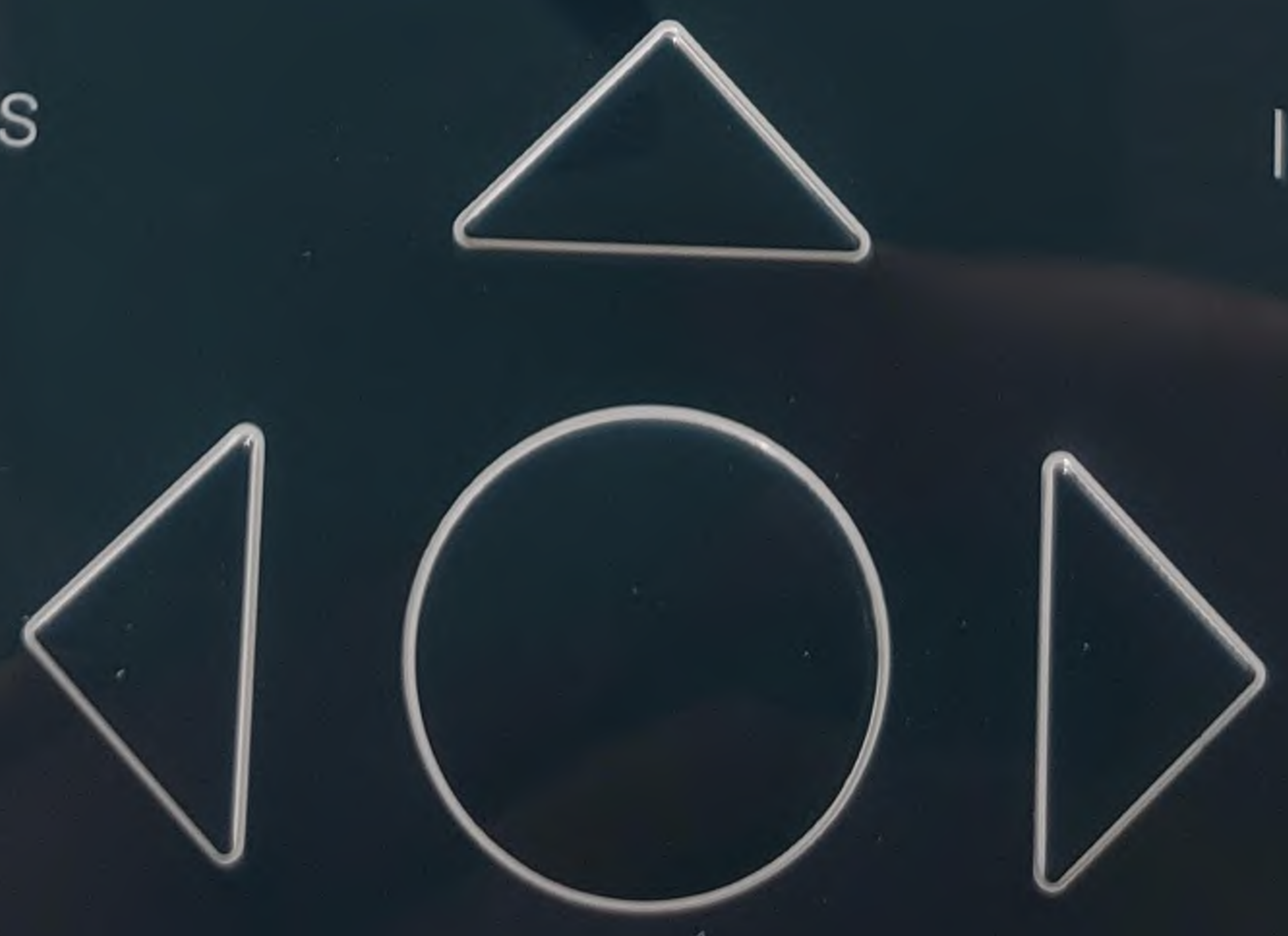
▲
NumTransWtchs: 0
ExtTransVolt: 95.0V
Ca10Override: off
▼

Cancel

Save

REbus

Inverter



Internet



GENERAC
PWRCELL

WARNING: This device is not to be used for anything other than the intended purpose. For more information, please visit www.generac.com.

NEVER OPEN THE COVER FOR ANY REASON. LOCKING MECHANISM IS AUTOMATICALLY ENGAGED.

1
2
3
4
5
6
7
8
9

CAUTION
Do Not Touch the Terminals

Goodman






657









Grid Tie

	3.76kW	0.03kW	
389V _{dc}		245V _{ac}	
	N/A	3.28kW	


REbus

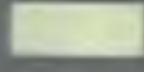

Inverter



Internet 



Shutdown
(hold)

PV Link S2502 -05
Photovoltaics
making power
Power: 868W
PV Voltage: 117V
E-total: 2.4kWh


REbus


Inverter



Internet




Shutdown
(hold)

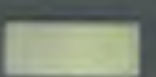
PV SYSTEM DISCONNECT

Inverter

Internet



PV Link S2502 -04
Photovoltaics
making power
Power: 1525w
PV Voltage: 225v
E-total: 4.1kWh

 REbus

 Inverter



Shutdown
(hold)

PV SYSTEM DIS

PV Link S2502 -06
Photovoltaics
making power
Power: 1747W
PV Voltage: 232V
E-total: 2.3kWh

REbus

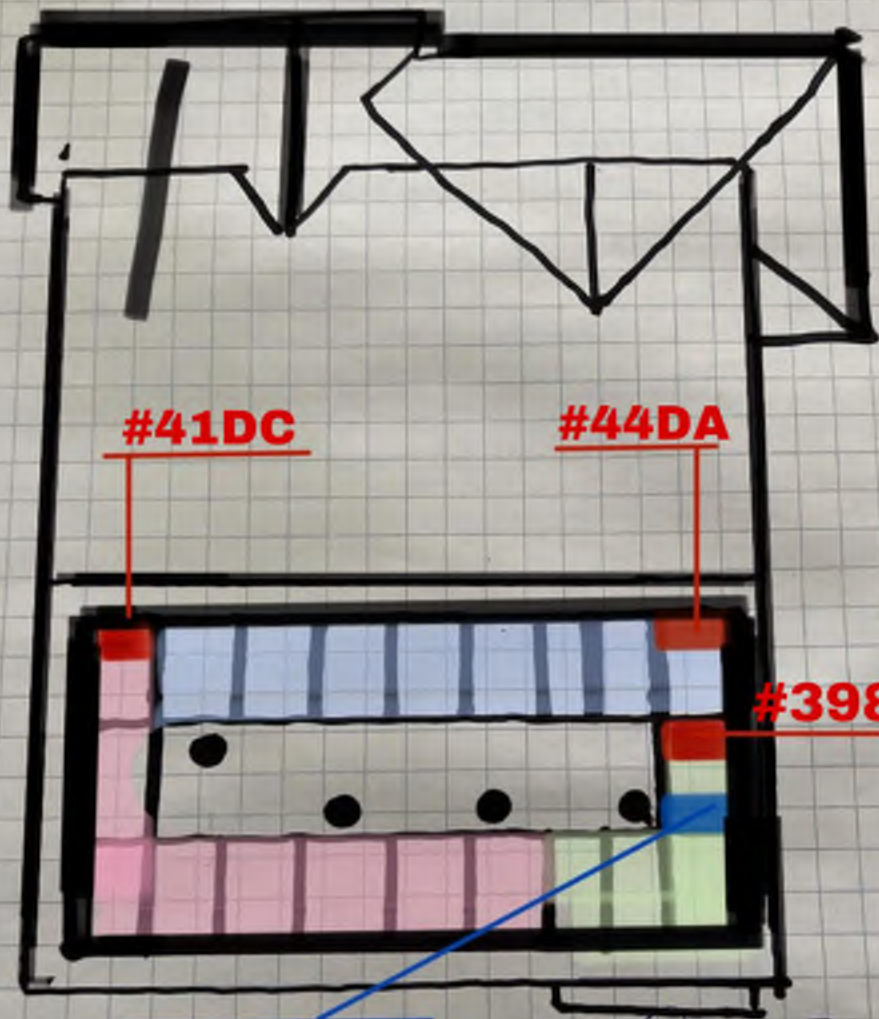
Inverter



Shutdown
(hold)

Intern





#41DC

#44DA

#3984

SolaDeck

Compt