

Item No.	Description	Quantity	Unit
1	Slotted Drain	1	Linear Meter
2	Perforated Drain	1	Linear Meter
3	Gravel	1	Cubic Meter
4	Concrete	1	Cubic Meter
5	Rebar	1	Linear Meter

GENERAL NOTES

1. All materials shall be as specified in the Bill of Materials.

2. All work shall be done in accordance with the latest edition of the relevant standards.

3. The Contractor shall be responsible for obtaining all necessary permits and approvals.

4. The Contractor shall ensure that the drainage system is installed in accordance with the design and specifications.

5. The Contractor shall ensure that the drainage system is tested and certified before completion.

6. The Contractor shall ensure that the drainage system is maintained and kept free from obstruction throughout its service life.

7. The Contractor shall ensure that the drainage system is installed in a manner that does not cause any damage to the surrounding structure or landscape.

8. The Contractor shall ensure that the drainage system is installed in a manner that is aesthetically pleasing and blends with the surrounding environment.

9. The Contractor shall ensure that the drainage system is installed in a manner that is safe and secure.

10. The Contractor shall ensure that the drainage system is installed in a manner that is durable and long-lasting.

STANDARD LABELS

WARNING

1. This drainage system is designed for use in areas where water is present. It is not intended for use in areas where there is a risk of fire or explosion.

2. The drainage system should be installed in accordance with the manufacturer's instructions.

3. The drainage system should be maintained and kept free from obstruction throughout its service life.

ADDITIONAL LABELS

WARNING

1. This drainage system is designed for use in areas where water is present. It is not intended for use in areas where there is a risk of fire or explosion.

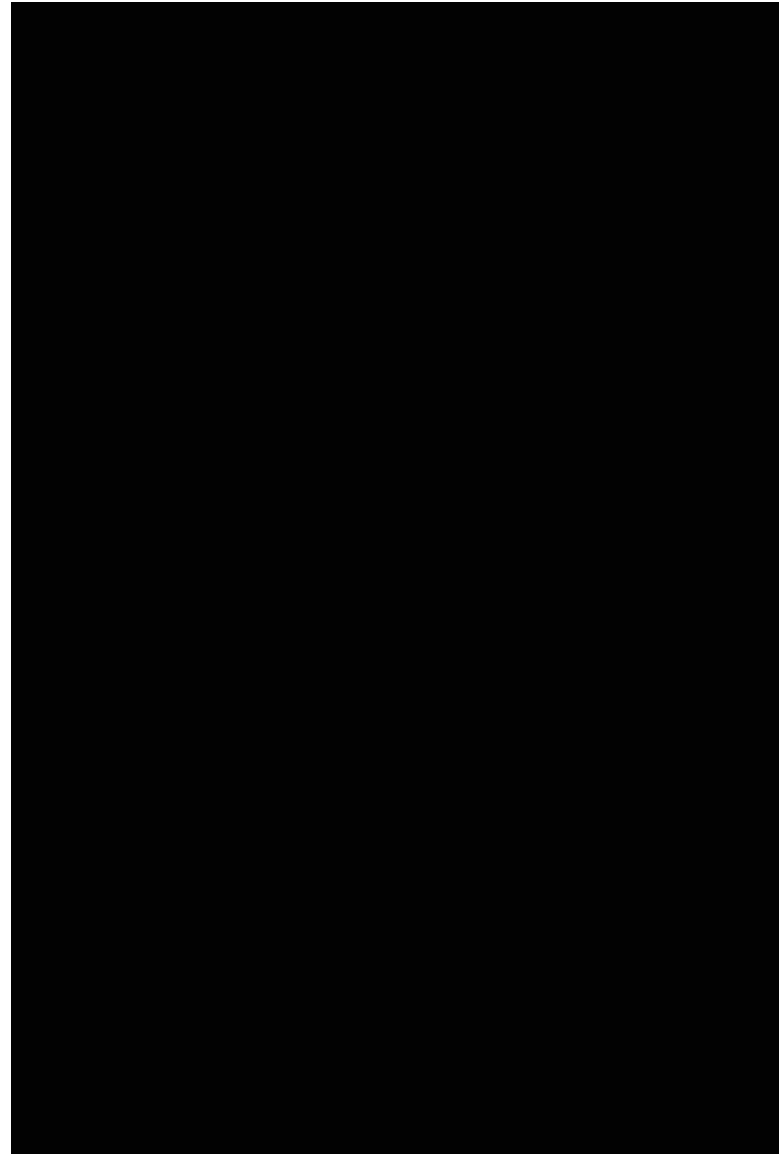
2. The drainage system should be installed in accordance with the manufacturer's instructions.

3. The drainage system should be maintained and kept free from obstruction throughout its service life.





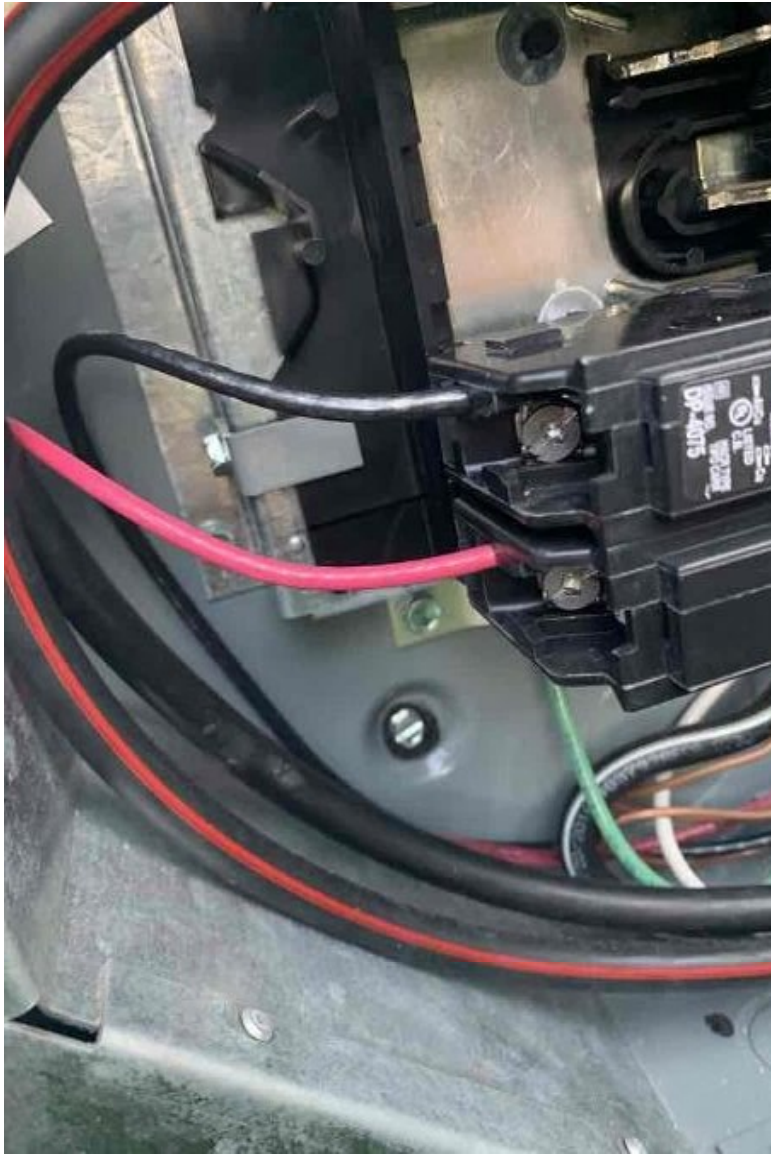




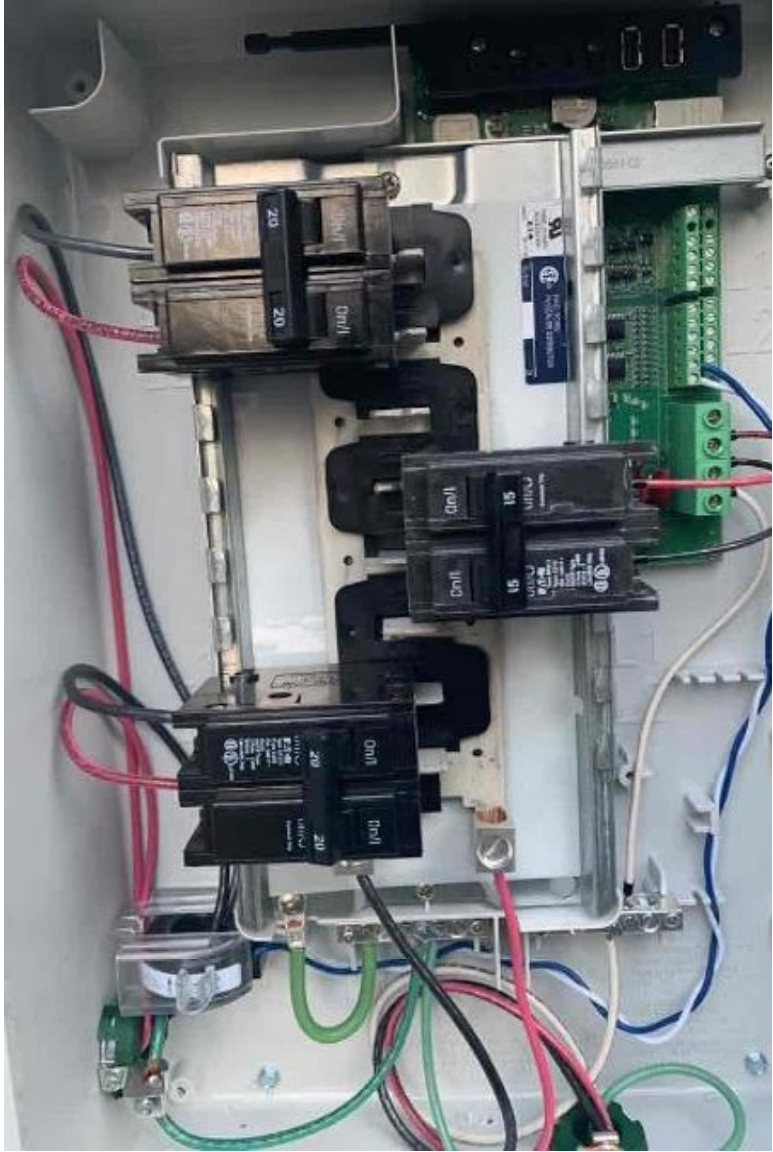


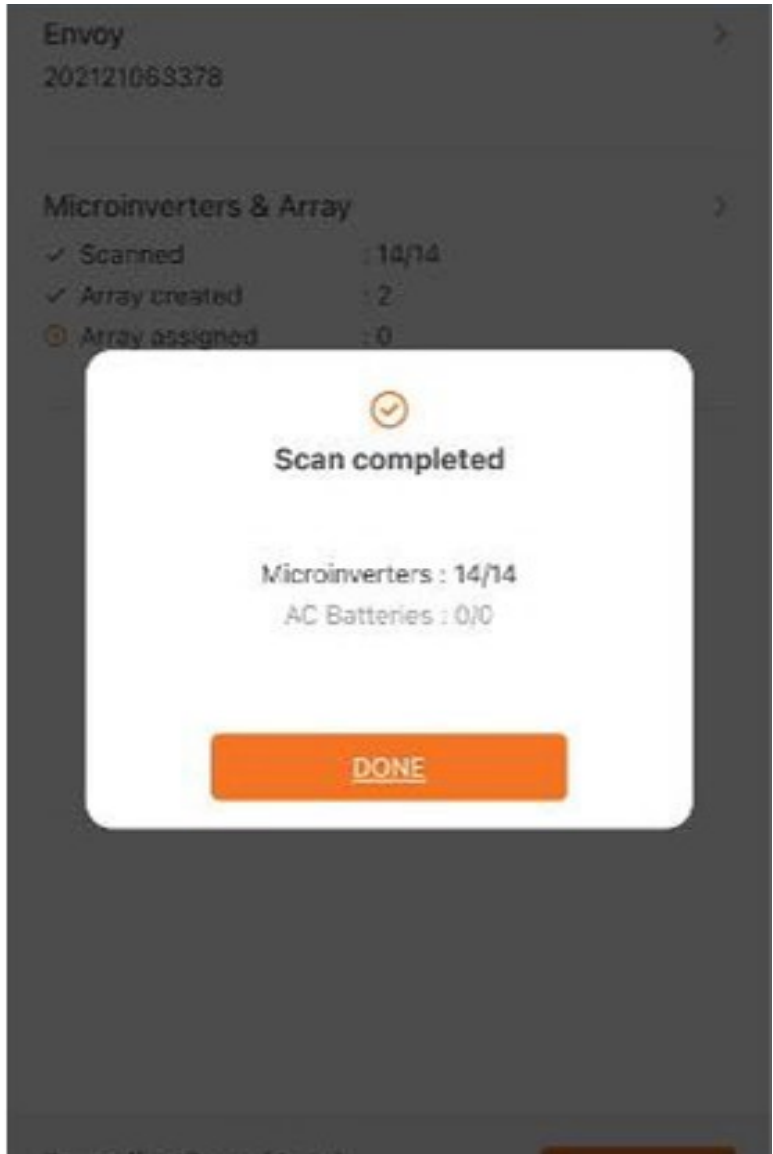












01/04/2021, 11:41:50 AM

System

Name	Serial Reference	Owner
Michael Redden	NS	ReddenMichael@gmail.com
Street 1		Street 2
144 Groundslyn Way		NS
City		State
Fayetteville		NC
Zip/Postal Code		Country
27526		United States

Envoy

Serial number	Software version	Type
202121063378	01.8.15 (1.26.0)	Basic IQ Inverter
Production Year	Commission Year	Rate structure
Unkown: 60096 Unkown: 60096	Serial: 01/01/2021	MS
Connection to Battline		Last report to Battline
96.6		01/04/2021 11:37 AM

14 Microinverters

Grid Profile : IEEE 1547 (with 2015.1.6.1)

14 Microinverters IQ7+

Serial number	Last report	Power	Grid Profile
022000117	01/04/2021, 11:37 AM	0 W	Pending
022000174	01/04/2021, 11:37 AM	0 W	Pending
022000207	01/04/2021, 11:37 AM	0 W	Set
022000249	01/04/2021, 11:37 AM	0 W	Set
022000289	01/04/2021, 11:37 AM	20 W	Pending
022000341	01/04/2021, 11:37 AM	24 W	Set
022000357	01/04/2021, 11:37 AM	21 W	Set
022000392	01/04/2021, 11:37 AM	22 W	Set
022000429	01/04/2021, 11:37 AM	18 W	Set
022000474	01/04/2021, 11:37 AM	0 W	Set
022000518	01/04/2021, 11:37 AM	21 W	Set

Start Provisioning Devices

Envoy 202121063378



Envoy successfully connected to Enlighten and Installer Toolkit

Envoy Connectivity Status

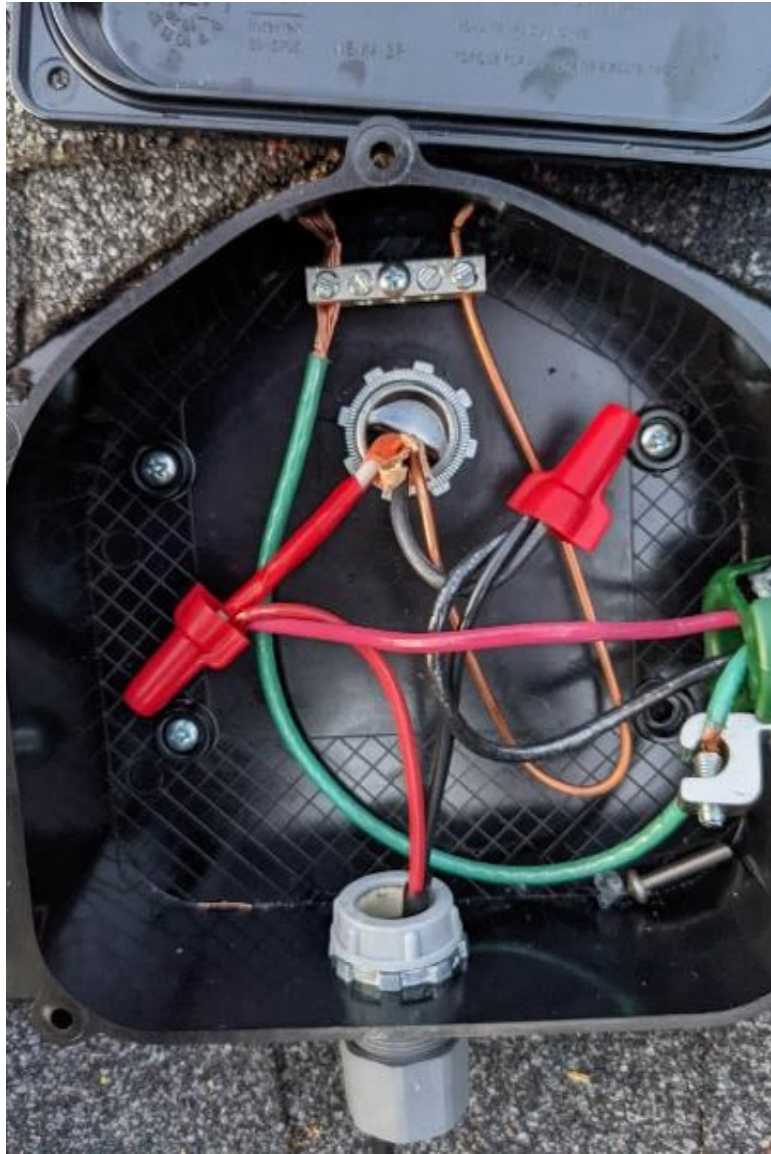
- Wi-Fi >
- Ethernet
- Cellular



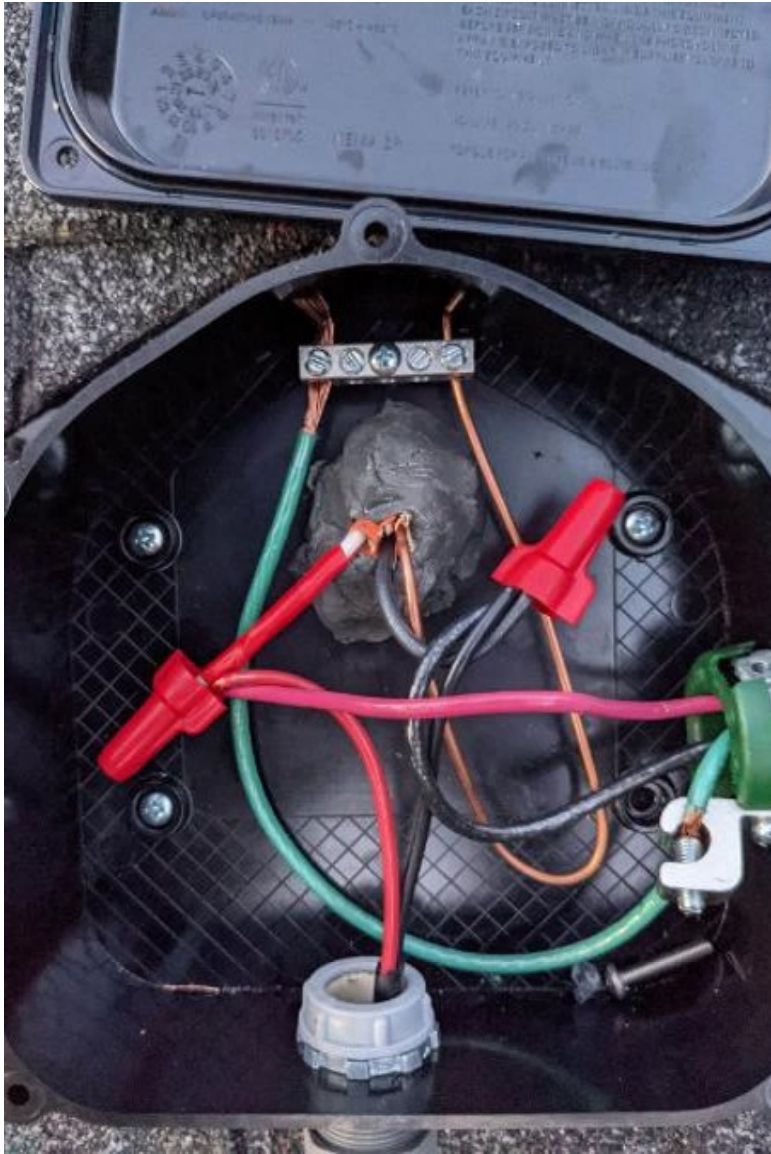
Software up-to-date

Current software version 05.00.55









MPI

Scan completed map and upload it to Enphase. Click "Add a New System" at <https://enlighten.enphaseenergy.com>. Use this map to build the virtual array in Enlighten's Array Builder.

Escanee el mapa completo y cárguelo en Enphase. Haga clic en "Añadir nuevo sistema" en <https://enlighten.enphaseenergy.com>. Utilice este mapa para crear el conjunto de paneles virtual en el Creador de conjuntos de paneles de Enlighten.

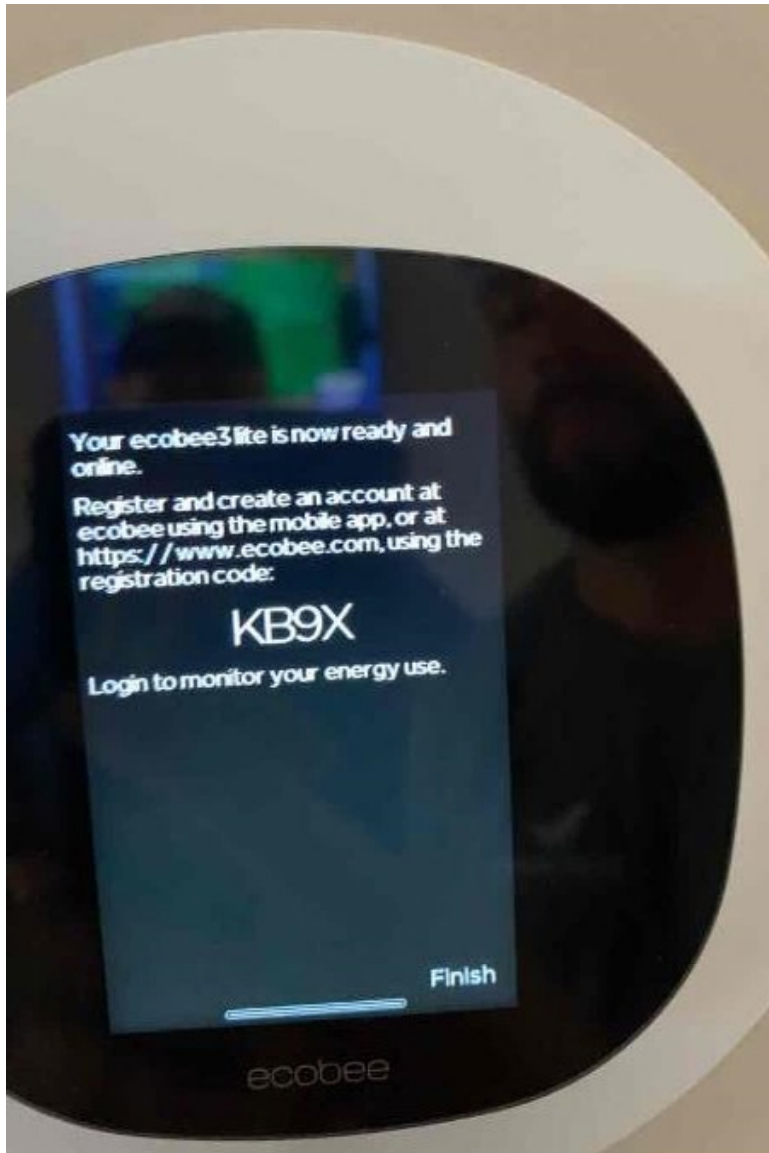
Wire Size	Length	Notes
14 AWG	14.32 FT	2.00 FT TO 2.00 FT
12 AWG	12.00 FT	2.00 FT TO 2.00 FT
10 AWG	10.00 FT	2.00 FT TO 2.00 FT
8 AWG	8.00 FT	2.00 FT TO 2.00 FT

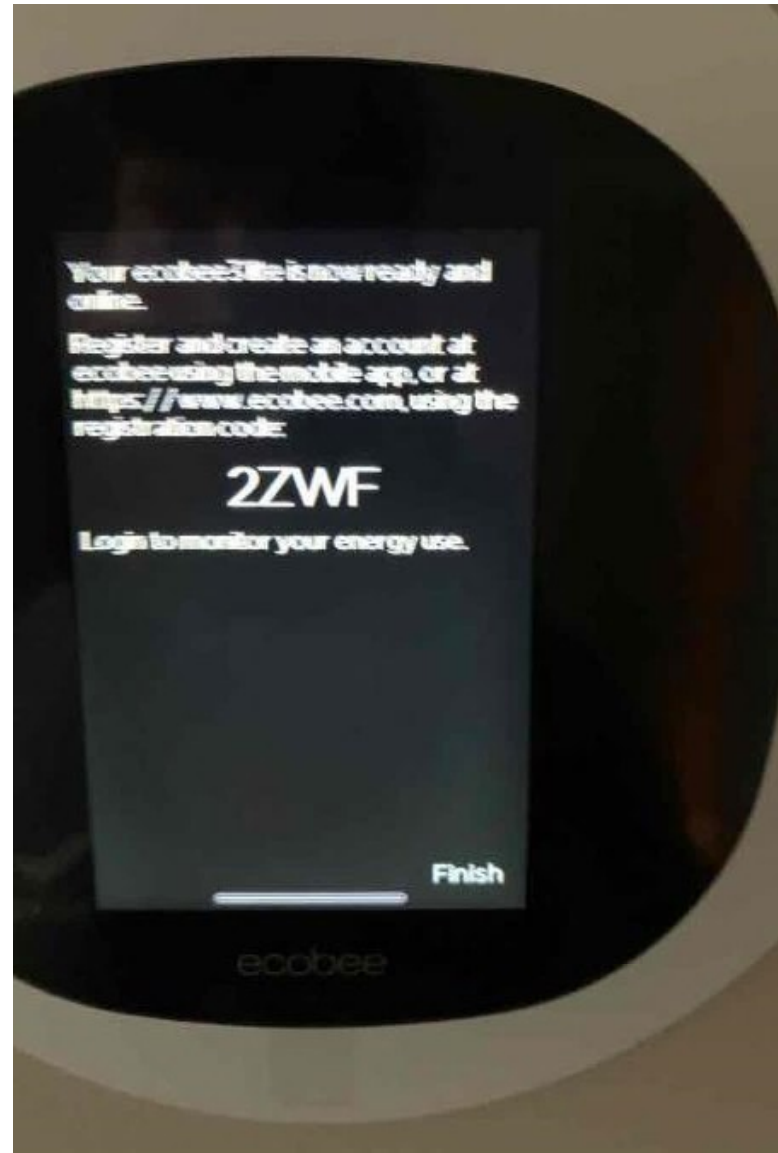
TO INV

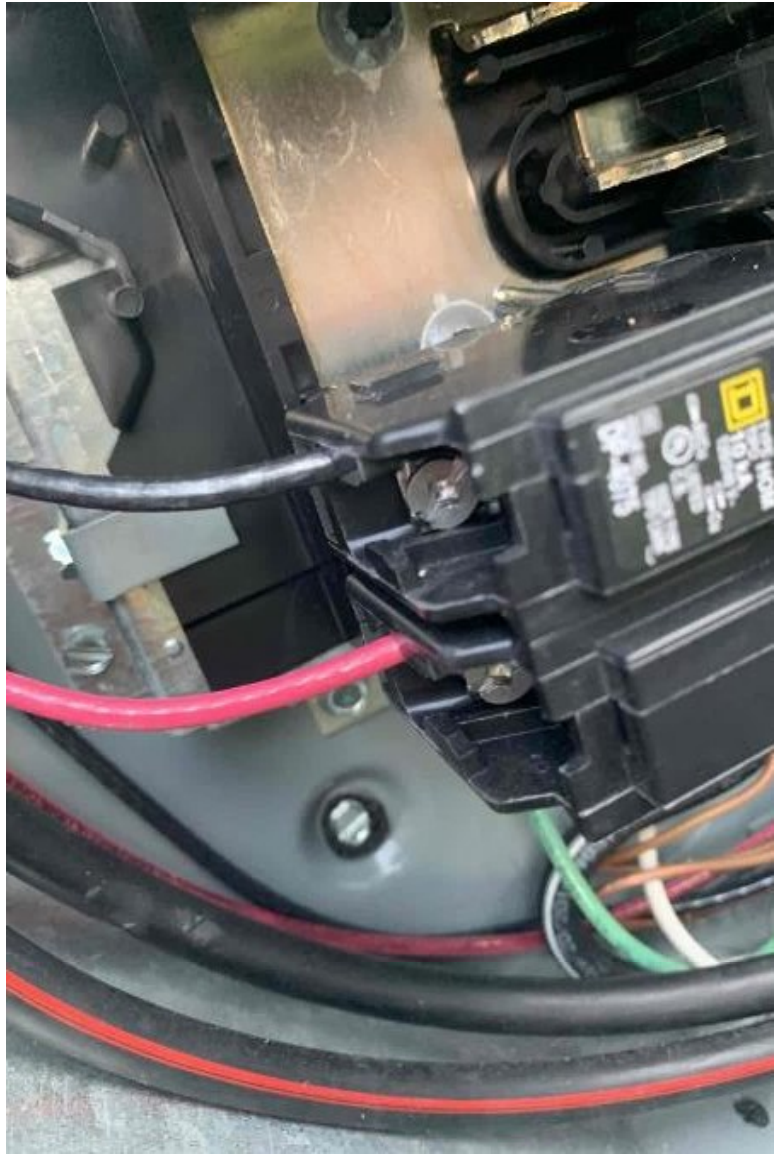
TO AMP-PI CENTER

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Jinko Solar Jinko Solar Co., Ltd
 NO.1 Jinko Road Shanghai (Economic Development Zone)
 Jiangsu Province 201100 China
 www.jinkosolar.com

PHOTOVOLTAIC MODULE
 Made in Penang, Malaysia

Solar Module Type: JKM375M-6RL3-B

Maximum Power(Pmax)	375W
Power Measurement Tolerance	± 3%
Maximum Power Voltage(Vmp)	36.80V
Maximum Power Current(Imp)	10.19A
Open Circuit Voltage(Voc)	44.12V±3%
Short Circuit Current(Isc)	11.01A±4%
Maximum System Voltage	1000VDC
Maximum Series overcurrent protective device rating	20A
Operating Temperature	-40°C ~ +85°C
Protection Class	II
Module Class	Type I(UL61730)/Class C(IEC61733)
Weight	21.5(kg)
Dimension	1855×1029×35(mm)
STC: 1000W/m², AM1.5, 25°C	

System fire Class Rating: See installation instructions for installation requirements to achieve a Specified System Fire Class Rating with this Product. The fire rating is Class C in Canada.

WARNING
 ONLY qualified personnel should install or perform maintenance work on these modules.
BE AWARE of dangerous high DC voltage when connecting modules.
DO NOT damage or scratch the rear surface of the module.
SEE module literature for appropriate mating connectors.


AVERTISSEMENT
 SEUL les professionnels peuvent installer et maintenir les éléments.
PRENDRE GARDE de la haute tension continue lorsque les éléments sont connectés.
IL EST interdit d'endommager ou d'effrayer l'envers des éléments.
VÉRIFIER les infos modules pour les connecteurs de raccordement appropriés.


For field connections, use 12 AWG wire insulated for a minimum of 90°C rated for wet conditions and resistant to ultra violet radiation (where exposed).

Electrical ratings

Voltage	240VAC, 60Hz
DG Breakers	80A MAX (combined)
DG Inputs	64A MAX (combined)
Output	65A MAX, 90A MAX feeder O
Temperature	46°C MAX ambient

Use only Eaton BR series Breakers (60A max)

S/N:  202121063378

P/N:  88

Dedicated solar and DG Combiner Box - do not use Envoy Breaker not used for backfeed

Connection	Wire sizes
DG Breaker	14-10 AWG 8 AWG 6-4 AWG
60A Circuit Breaker only	4-1/0 AWG
Neutral and ground	
Large screw	14-1/0 AWG
Small screw	6-14 AWG
Main lug	10-4 AWG



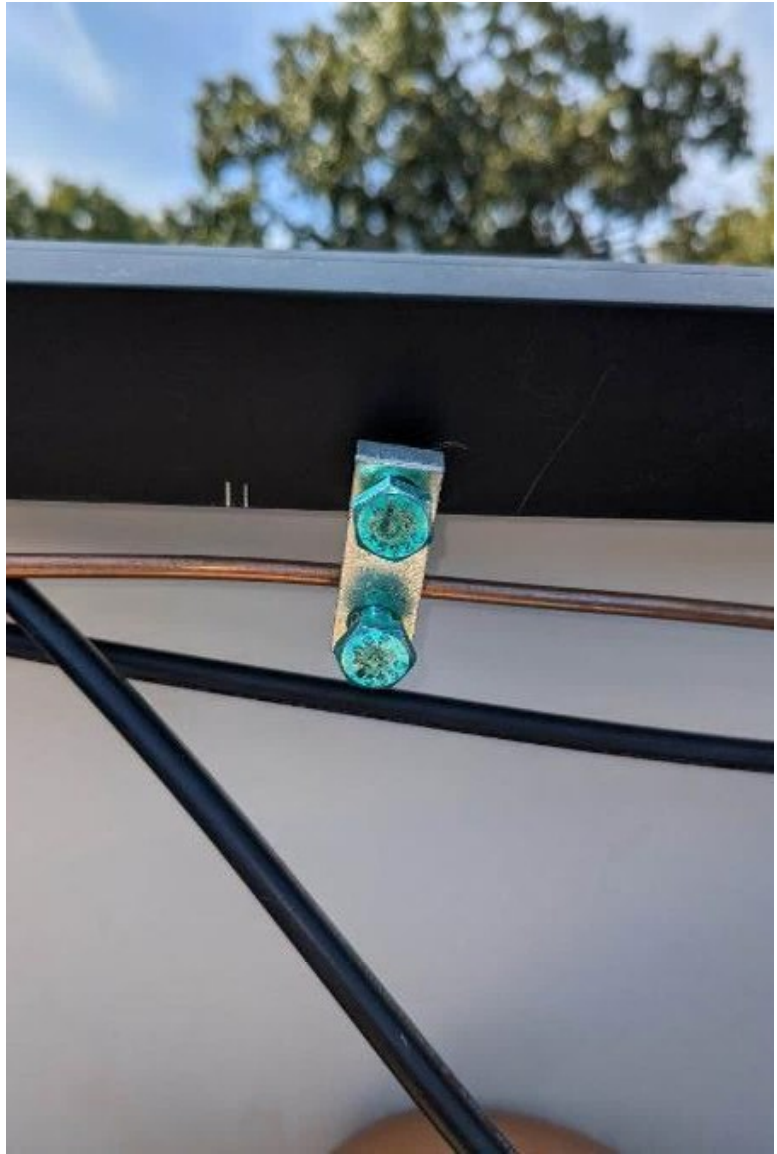


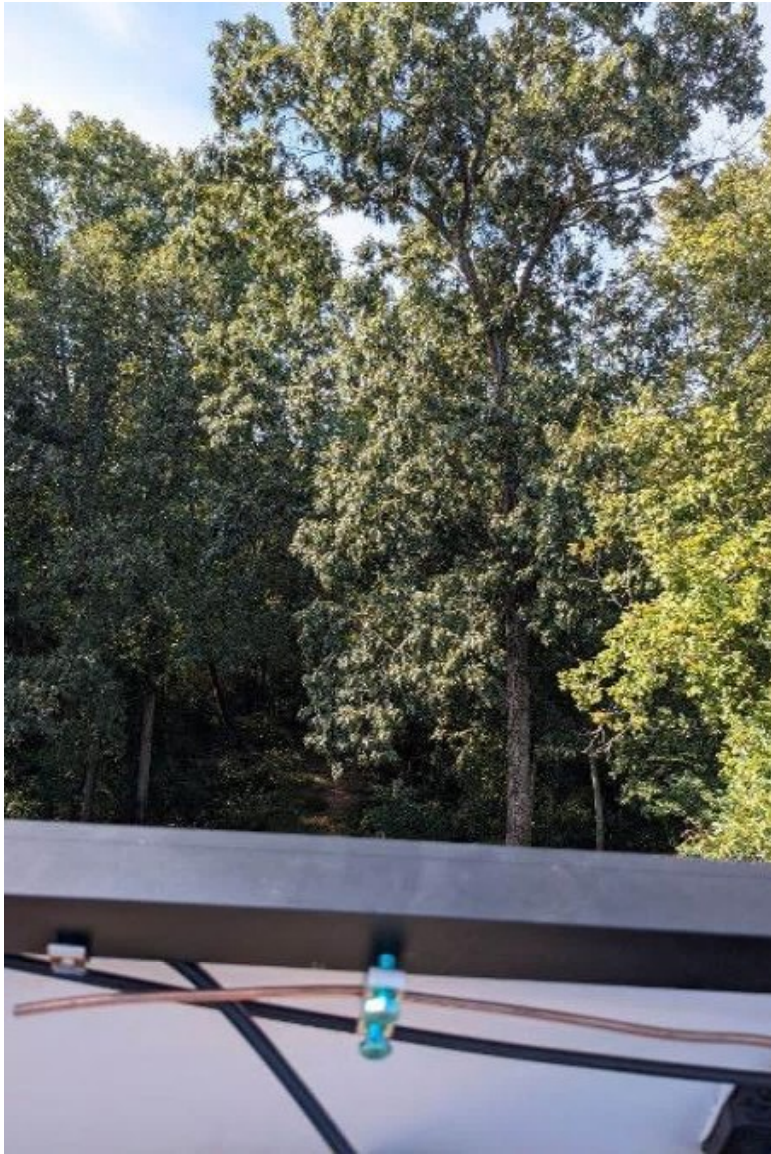












Job Hazard Analysis

BLUE RAVEN
SOLAR

Customer Name: **Michael Besters**

Installation Date:

Address: **144 Gwendolyn Way**


Hazard Category	Potential Hazards	Hazard Controls
Ladder Safety	<ul style="list-style-type: none"> • Displacement • Defective • Extension 	Robert Euro
Fall Protection	<ul style="list-style-type: none"> • Fall from 20' or greater 	fall harness
Electrical Safety	<ul style="list-style-type: none"> • Electrocuttion • ARC Flashes 	insulated tools PPE
Heat & Related Issues	<ul style="list-style-type: none"> • High Heat: 85° to 99° • Extreme Heat: 100° or higher 	hydrate regularly sandy shaded area
Public Protection	<ul style="list-style-type: none"> • Falling object • Slip/Trip/Fall 	Rebarred by grade
Nearest Hospital:	215 Bright Dr Lillington NC	
Safety Contact:		
Additional Notes:		

Crew Members	
Name	Signature
Crew Lead: Strom Carr <i>Strom Carr</i>	<i>[Signature]</i>

In Case of Emergency, call 911 immediately and proceed to the nearest emergency room
For non-emergency injuries, please report the injury to your manager, proceed to a medical provider for treatment, and scan the QR code below to complete an Injury Incident Report Form.

Please request a Work Status Update and provide the information below for any visits to the Emergency Room or Urgent Care.

Workers Compensation Provider: Berkshire Hathaway Homestate Companies
 Berkshire Hathaway Address: PO Box 882716, San Francisco CA 94188
 Berkshire Hathaway Fax Number: (800) 561-6984
 Berkshire Hathaway Policy Number: BLWC226029 (OR, FL) - BLWC225838 (all other states)
 Blue Raven Fax Number: (385) 498-408



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

WARNING
THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES, EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE, SHALL NOT EXCEED AMPACITY OF BUSBAR.

WARNING
PHOTOVOLTAIC SYSTEM COMBINER PANEL
DO NOT ADD LOADS

WARNING
MAIN DISTRIBUTION UTILITY DISCONNECT(S)
POWER TO THIS BUILDING IS ALSO SUPPLIED FROM A ROOF MOUNTED SOLAR ARRAY WITH A RAPID SHUTDOWN DISCONNECTING MEANS GROUPED AND LABELED WITHIN LINE OF SITE AND 10 FT OF THIS LOCATION.

PHOTOVOLTAIC SYSTEM AC DISCONNECT
RATED AC OUTPUT CURRENT 16.9
NOMINAL OPERATING AC VOLTAGE 240

