

























112





























76 77 78 79

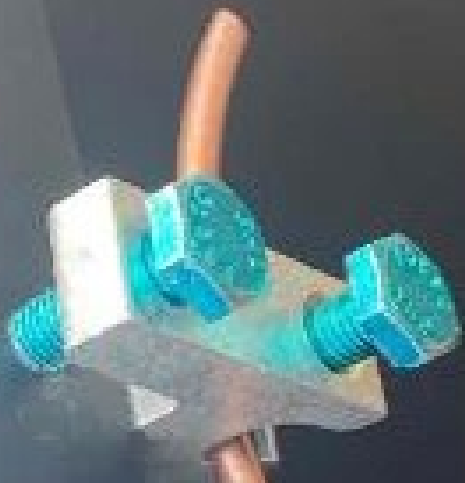
76 77 78 79













JHA

Raleigh Crew 4

Customer: Kathryn MacCormack
112 Old Barn Way Fuquay - Varina

Hazard:

- Ladder
- Fall pro
- Electrical shock
- Heat injuries





Control:

- Bull horns
- Harness
- A/C Disconnector / Breaker off
- Water

Hospital: Central Harvest Hospital

Safety Contact: Zax Vanderson

Crew Members:

Crew Lead: Mitchell Nguyen 
Tim Huckabee 
Will Schen 
Youngice Bautista 





0 10 20 30 40 50 60 70 80 90 100

2

CIRCUIT 1

CAUTION
ELECTRIC SHOCK HAZARD (50/60Hz)

WARNING
DO NOT TOUCH THE TERMINALS OR WIRING



ENPHASE

**CAUTION: DO NOT INSTALL
ADDITIONAL LOADS IN THIS PANEL.**

10-00003



WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID
AND PV SOLAR
ELECTRIC SYSTEM

10-00003



WARNING

ELECTRICAL SHOCK HAZARD

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

10-00003

CAUTION: S

RAID SHUTDOWN SWITCH

Blue Raven logo and technical specifications label on the device.

BLUE RAVEN

INSTALLATION INSTRUCTIONS

1. UNPACK THE KIT AND CHECK THE CONTENTS AGAINST THE LIST BELOW.

2. REMOVE THE PROTECTIVE FILM FROM THE SURFACE OF THE DEVICE.

3. DRILL THE HOLES IN THE WALL OR CEILING USING THE PROVIDED DRILL BIT.

4. INSERT THE WALL PLATES INTO THE HOLES AND SECURE THEM WITH THE PROVIDED SCREWS.

5. CONNECT THE CABLES TO THE DEVICE AS SHOWN IN THE DIAGRAMS.

6. TEST THE DEVICE TO ENSURE IT IS WORKING CORRECTLY.

7. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT OUR CUSTOMER SERVICE.

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CAUTION: SOLAR CIRCUIT

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

150-03342

PHOTOVOLTAIC AC-DISCONNECT

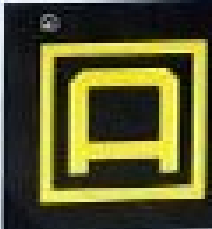
MAXIMUM AC OPERATING CURRENT:

30

NOMINAL OPERATING AC VOLTAGE:

240

500-03342



SQUARE D®

**GENERAL DUTY
SAFETY SWITCH**
INTERRUPTOR DE
SEGURIDAD DE
SERVICIO GENERAL
80 A
240 Vac / V-



⚠ DANGER / PELIGRO

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O
DESTELLO POR ARQUEO

Apply appropriate personal protective equipment (PPE) and follow safe working practices. See NFPA 70E.

Utilice equipo de protección personal (EPP) apropiado y siga las prácticas de seguridad siempre aprobadas por su Compañía. Consulte la norma NFPA 70E.

- This equipment must only be installed and serviced by qualified electrical personnel.
- Never operate switches under any door lock. (Key lock optional).
- Turn off switch before working or installing loads or making load-side connections.
- Always use a properly rated voltage sensing device with the load-side trip to confirm switch status.

- Este equipo de protección personal es apropiado y siga las prácticas de seguridad siempre aprobadas por su Compañía. Consulte la norma NFPA 70E.
- Solo personal calificado debe instalar y operar este equipo de protección personal.
- Nunca opere los interruptores con la puerta cerrada con su llave de seguridad. (Opción de llave de seguridad).
- Desenergice el interruptor antes de trabajar o instalar cargas o de hacer conexiones en el lado de carga.
- Siempre utilice un dispositivo de tensión con un interruptor en el lado de carga.

- Turn off power supplies inside facility, along with other work on or inside the facility.
- Put lock to replace these instructions will result in death or serious injury.
- To lock out energy, please contact your branch office to locate the lock kit in Spanish.

- Siempre utilice un dispositivo de bloqueo de energía en el interior de la instalación.
- Desenergice el interruptor antes de trabajar o instalar cargas o de hacer conexiones en el lado de carga.
- Siempre utilice un dispositivo de bloqueo de energía en el lado de carga.

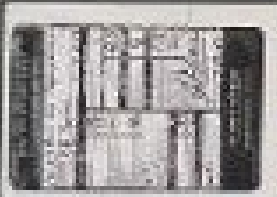
⚠ WARNING ELECTRICAL SHOCK HAZARD

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

500-03342

⚠ WARNING

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



**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

THE RISK OF ELECTRIC SHOCK IS REDUCED BY THE FOLLOWING FEATURES:
- RATED TO 150V
- OFF-PHASE ONLY
- SHUT DOWN IN 10 SECONDS
- NO CONTACT WITH WIRING



WARNING

ALL POWER MUST BE
DISCONNECTED FROM
ELECTRIC SYSTEM

WARNING

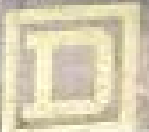
NO CONTACT WITH
WIRING OR ELECTRICAL
COMPONENTS

SOLAR

40

O/OFF

10 kA
120/240V~



42

40

38

36

34





SOLAR

40

O/OFF

10 kA
120/240V~



42

40

38

36

34







1001
1002

1001
1002

41.5



HT

SP 10





12/19





21.2



HT

SP 10





11.5





215



SP18, No. 1
2010 HT (F02)







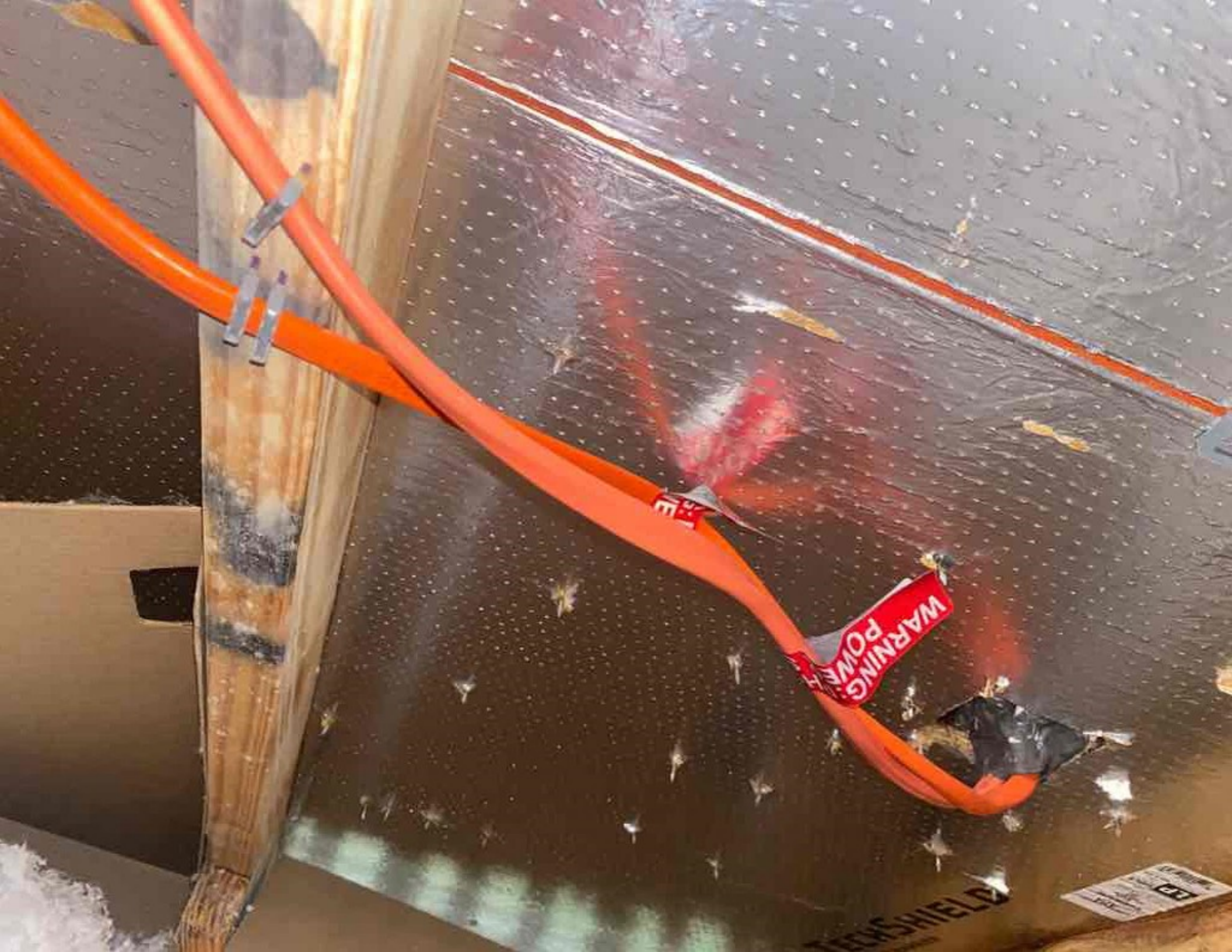


















PHOTOVOLTAIC
R SOURCE

PHOTOVOLTAIC
SOURCE

SP145





PHOTOVOLTAIC
SOURCE

PHOTOVOLTAIC
SOURCE









www

Trinasolar

 F01210107918166

Trinasolar

TSM-325DD06M.05(II)



Maximum Power	(P _{max})	325W±3%
Maximum Power Voltage	(V _{mp})	33.6V
Maximum Power Current	(I _{mp})	9.87A
Open Circuit Voltage	(V _{oc})	40.4V±3%*
Short Circuit Current	(I _{sc})	10.30A±4%*
Maximum Series Fuse	20A	
Power Selector	0 ~ 5W	
Module Application	Class A	
Maximum System Voltage	IEC:1000V,UL:1000V	
Electrical Rating At STC AM=1.5 IRRADIANCE=1000W/m ² Temp =25 °C		

*For field connections, use minimum 4mm² (No. 12AWG) copper wires insulated for a minimum 80 °C



WARNING-ELECTRICAL HAZARD

This module produces electricity when exposed to light. Follow all applicable electrical safety precautions.

- Module fire resistance rating Class G (for UL9502.2 No.1730 wire module fire performance Type 2 for UL9502.2)
- System Fire Class Rating: See installation instructions for installation requirements to v-aNF-mebyS devices a eyalhoV Class Rating with this Product(Classe nominale du système contre incendie: Voir les instructions d'installation)
- See module literature for appropriate mating connectors (Voir la documentation du module concernant les connecteurs appropriés)



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www.trinasolar.com

Assembled in Thailand







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ENPHASE

IQ7

18.7" (470mm) Height
18.7" (470mm) Width
18.7" (470mm) Depth
18.7" (470mm) Weight
18.7" (470mm) Power
18.7" (470mm) Voltage
18.7" (470mm) Current
18.7" (470mm) Frequency
18.7" (470mm) Power Factor
18.7" (470mm) Efficiency
18.7" (470mm) Temperature
18.7" (470mm) Humidity
18.7" (470mm) Altitude
18.7" (470mm) Location
18.7" (470mm) Orientation
18.7" (470mm) Tilt
18.7" (470mm) Azimuth
18.7" (470mm) Declination
18.7" (470mm) Right Ascension
18.7" (470mm) Local Time
18.7" (470mm) Daylight Saving Time
18.7" (470mm) DST Offset
18.7" (470mm) DST Start
18.7" (470mm) DST End
18.7" (470mm) DST Rule
18.7" (470mm) DST Year
18.7" (470mm) DST Version
18.7" (470mm) DST Name
18.7" (470mm) DST Comment
18.7" (470mm) DST Description
18.7" (470mm) DST Details
18.7" (470mm) DST Info
18.7" (470mm) DST Link
18.7" (470mm) DST Source
18.7" (470mm) DST Author
18.7" (470mm) DST License
18.7" (470mm) DST Version
18.7" (470mm) DST Name
18.7" (470mm) DST Comment
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18.7" (470mm) DST Link
18.7" (470mm) DST Source
18.7" (470mm) DST Author
18.7" (470mm) DST License

WARNING
ATTENTION

ATTENTION

ATTENTION



UL LISTED
UL 1741
UL 1741-ETL

WARNING: This device is not to be used in a hazardous location. For more information, see the user manual.

ATTENTION: This device is not to be used in a hazardous location. For more information, see the user manual.

ATTENTION: This device is not to be used in a hazardous location. For more information, see the user manual.







Vac. VAC.
↑
Z109 5V 60HZ

5000 121 4









15

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G
 3. 120V 1PH 2W 1L 1N 1G
 4. 120V 1PH 2W 1L 1N 1G

3
 1
 1

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G
 3. 120V 1PH 2W 1L 1N 1G
 4. 120V 1PH 2W 1L 1N 1G

7
 1

1
 1

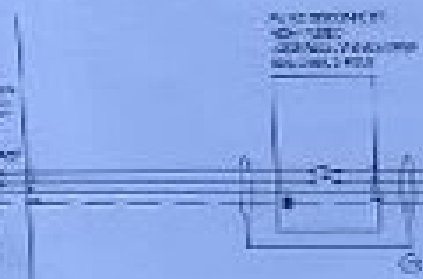
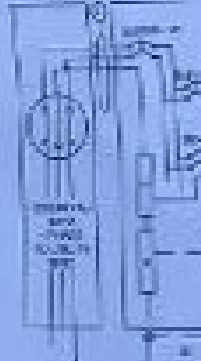
1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1000
 200 V



1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G



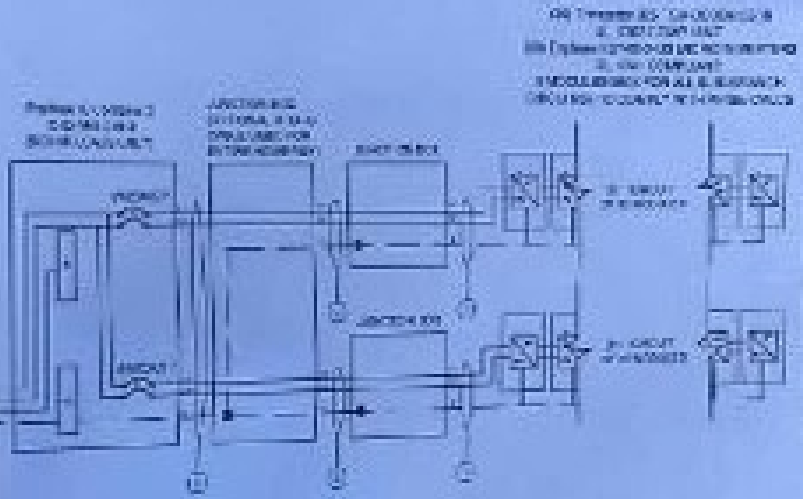
1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

WIRING NOTES

1. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.
 2. ALL WIRING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 3. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B RECOMMENDATIONS.
 4. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) STANDARDS.
 5. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL SOCIETY (N.E.S.) STANDARDS.
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 10. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL SOCIETY (N.E.S.) STANDARDS.

GENERAL NOTES

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1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G



1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G

1. 200V 3PH 4W 3L 3W 3N 3G
 2. 120V 1PH 2W 1L 1N 1G



Materials

Received

BOM

Call BRS Supply Chain

Continue

Notes for Supply Chain

Notes

Cancel

Submit

Successfully Connected

The Envoy has successfully connected to RealWifi.

[Return to Overview.](#)

Note: It may take up to a minute before the Enlighten connection status is updated.

OK

Disable AP Mode

Country

Select your country (ISO 3166-1 alpha-2 code) to optimize Wi-Fi signal strength in accordance with your national regulatory agency.

Select Country

Update Country



EZZ SOLAR

12VDC 100Ah (20hr)
12VDC 100Ah (20hr)
12VDC 100Ah (20hr)

WARNING!

BEFORE ATTEMPTING TO REMOVE THE BATTERY DISCONNECT SWITCH COVER, ENSURE THE BATTERY IS DISCONNECTED FROM THE SYSTEM. FAILURE TO DO SO MAY RESULT IN SEVERE INJURY OR DEATH. ALWAYS WEAR PROTECTIVE GEAR AND FOLLOW ALL SAFETY PROCEDURES. FOR MORE INFORMATION, VISIT www.ezzsolar.com.



Model: BDC-100-12V

Part Number: BDC-100-12V

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INSTALLATION MAP

A To D, 10' x 10' Grid

N 0° E 0' 0"
N 0° E 0'

Panel Design Design for 100 Watts	Customer Name					Installer Information				
Top Address										
Bottom Address										
Sheeting	1	2	3	4	5	6	7	8	9	
A										
B										
C										
D										
E		ENPHASE 100		ENPHASE 100						
F	ENPHASE 100	ENPHASE 100		ENPHASE 100	ENPHASE 100		ENPHASE 100			
G	ENPHASE 100	ENPHASE 100	ENPHASE 100	ENPHASE 100	ENPHASE 100					
H						ENPHASE 100	ENPHASE 100	ENPHASE 100		
I						ENPHASE 100	ENPHASE 100	ENPHASE 100		
J										
K	ENPHASE 100	ENPHASE 100								
L	ENPHASE 100	ENPHASE 100				ENPHASE 100	ENPHASE 100			
M	ENPHASE 100	ENPHASE 100				ENPHASE 100	ENPHASE 100			



ENPHASE
Grids of the Empire IQ 7, IQ7A, IQ7A, and IQ7B

These grids are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters. They are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters. They are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters.

- 1. The grids are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters.
- 2. The grids are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters.
- 3. The grids are designed to be used with the ENPHASE IQ 7, IQ7A, IQ7A, and IQ7B inverters.



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ENPHASE 100

ENPHASE 100



Meters Not Enabled

Set up metering now

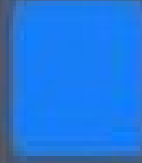


Monitoring



Connected to Enlighten

Last Report: Jun 29, 2021 3:39 PM



0 Microinverters



30 Detected

Scan Inactive >

30 Communicating



Factory-Installed Grid Profile



30 Producing Power



0 AC Batteries



About This Envoy













