


Security Version: 02.10.00

**IQ Gateway Connectivity** >

● Connected to Enphase Cloud

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**Power Production**

Loading 

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**Production**

Today	61 Wh
Lifetime	7.05 MWh

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**Consumption**

Today	0 Wh
Lifetime	0 Wh

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**Grid Profile** >

**Powerline Scan (Auto)**

1.8224000000000000

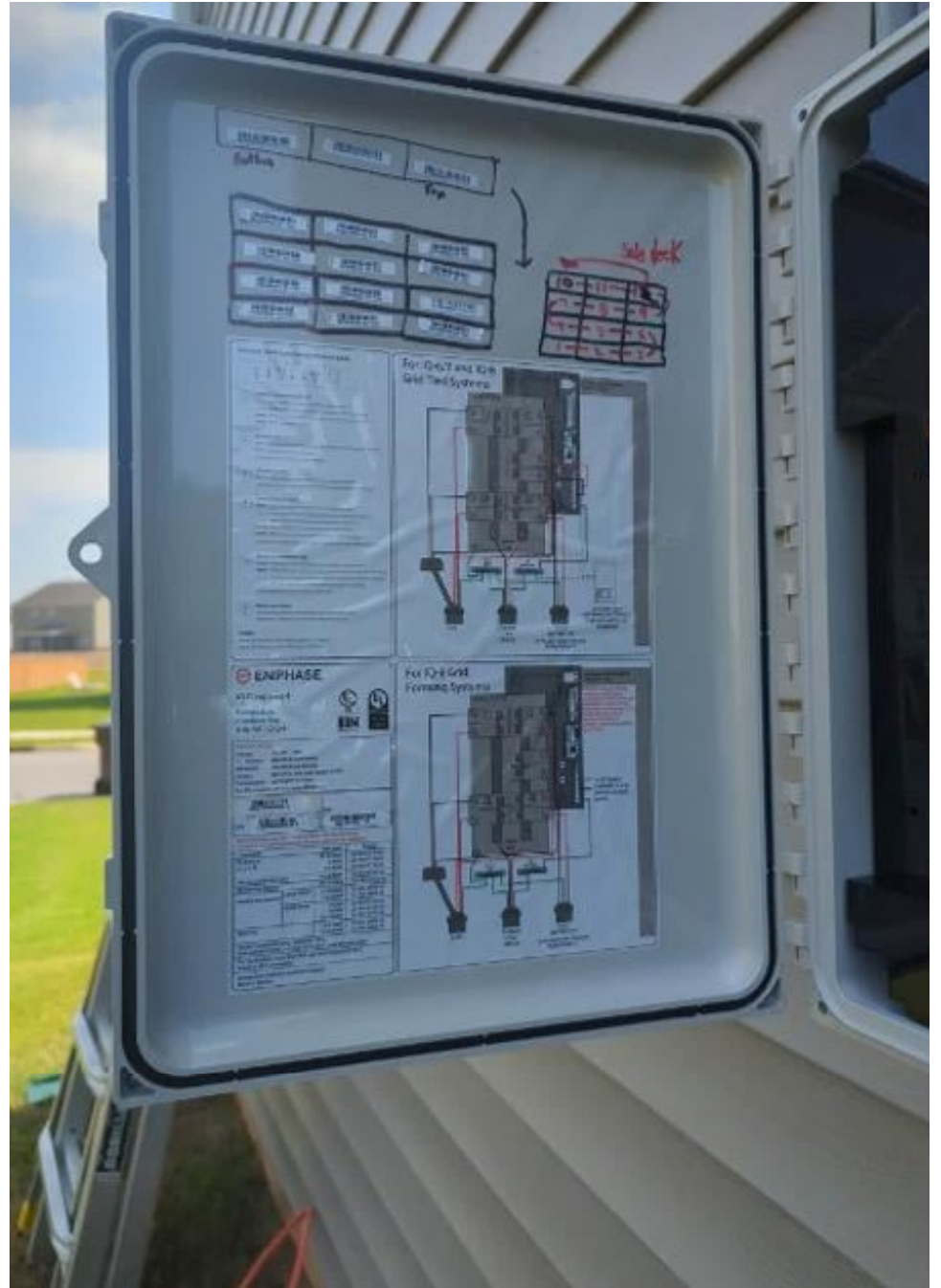


Connect gateway to Enphase cloud via:

-   
 Wi-Fi  
**Connected**
-   
 Ethernet
-   
 Cellular

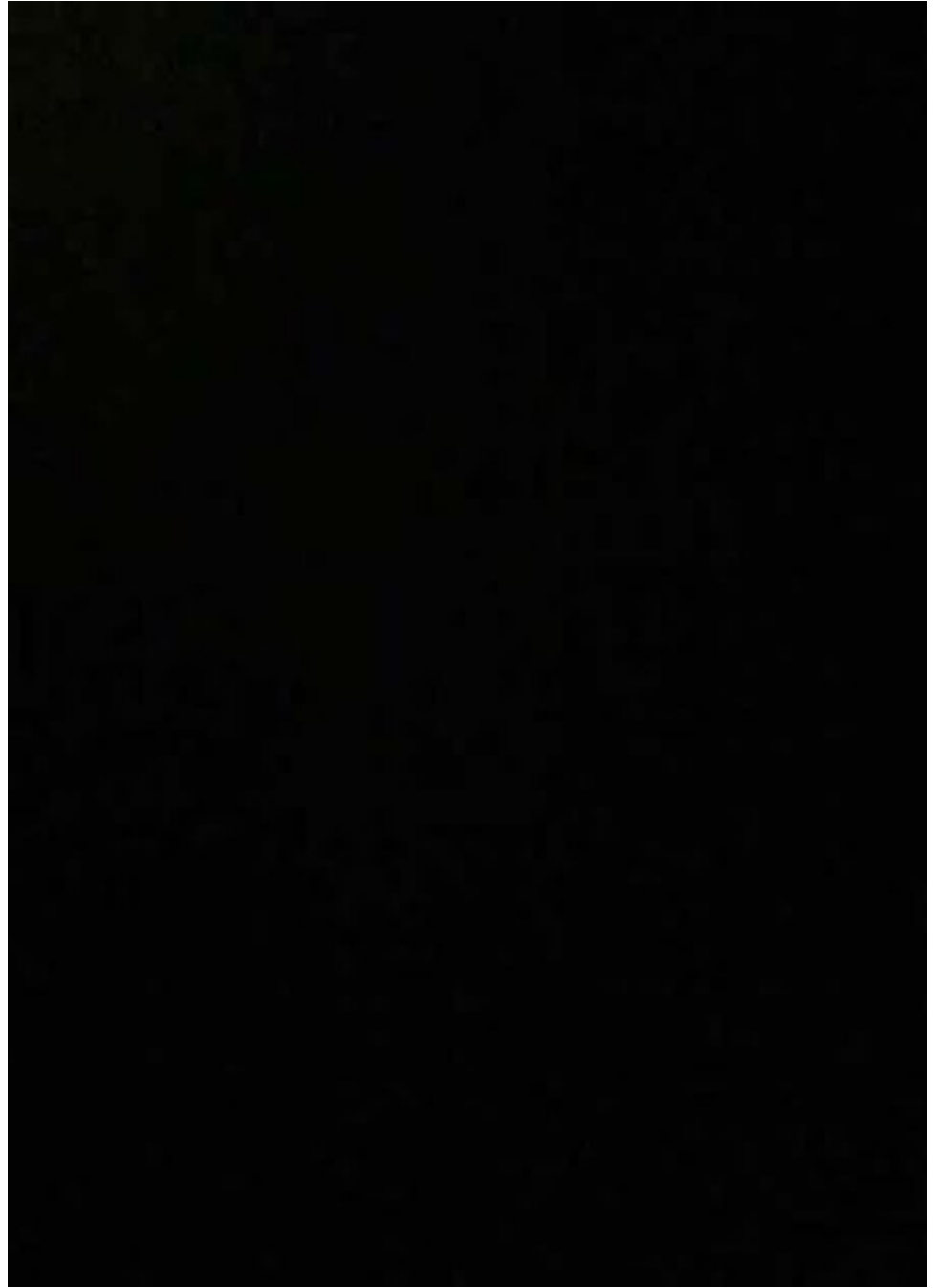
[Disconnect from IQ Gateway](#)



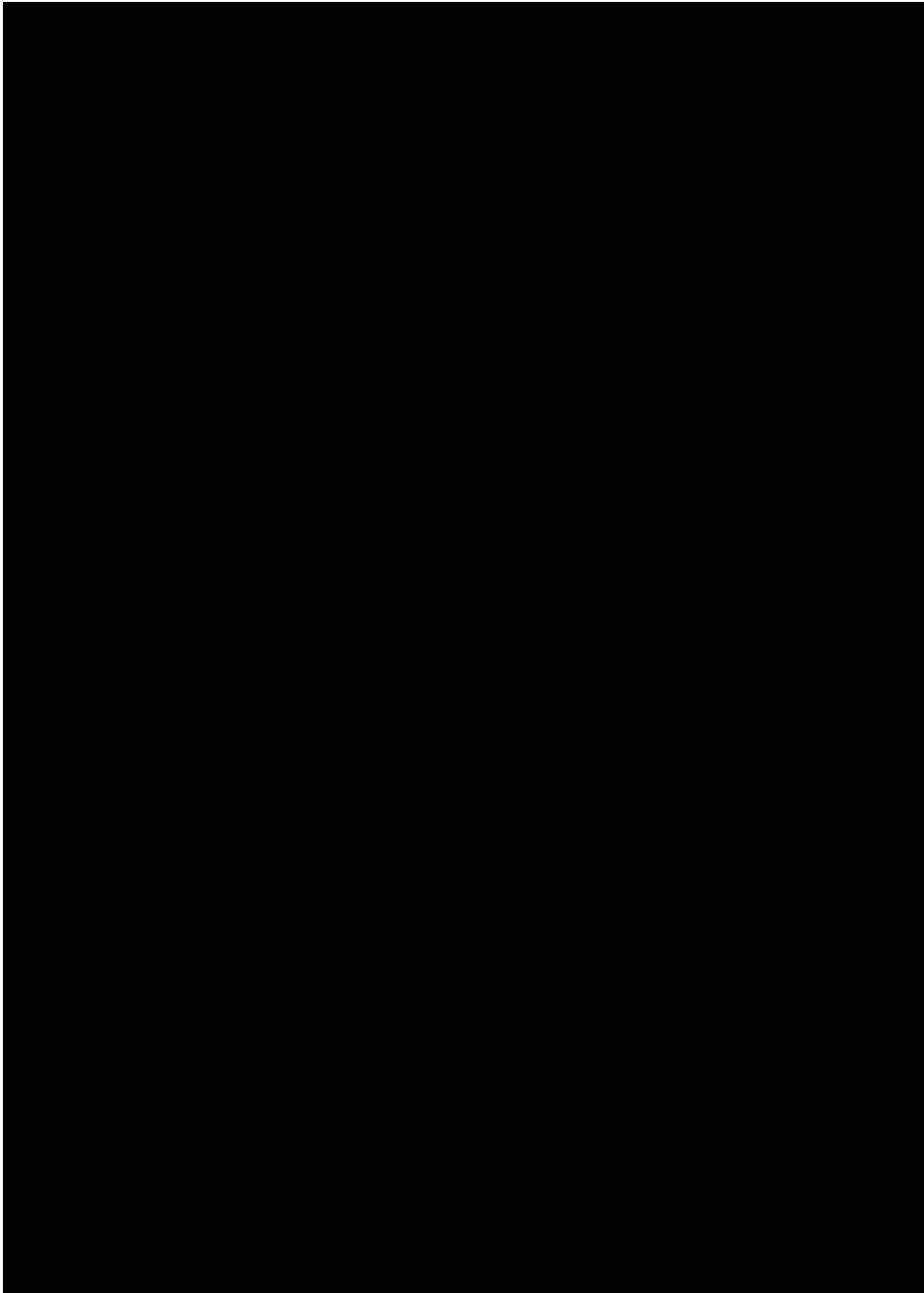










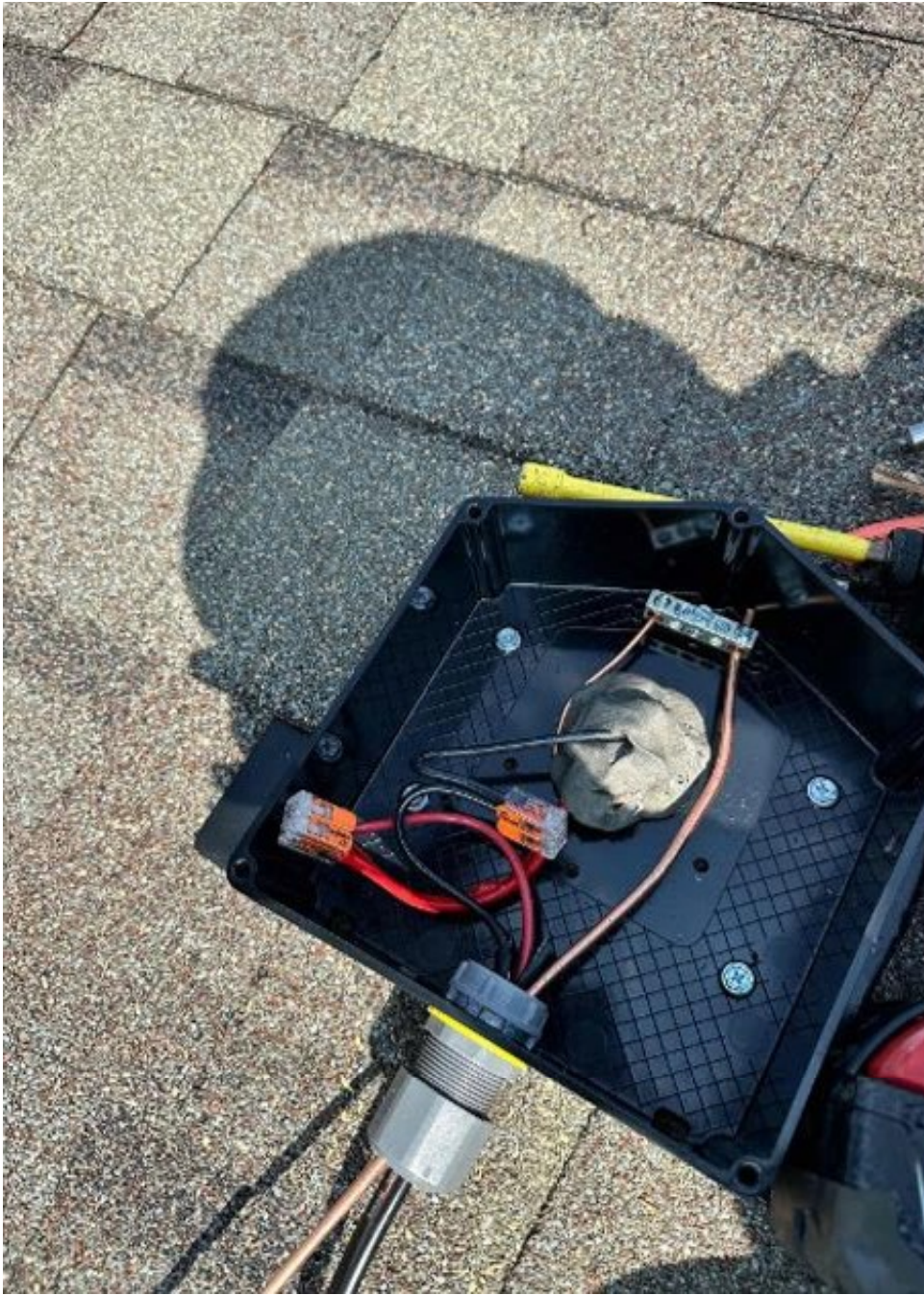




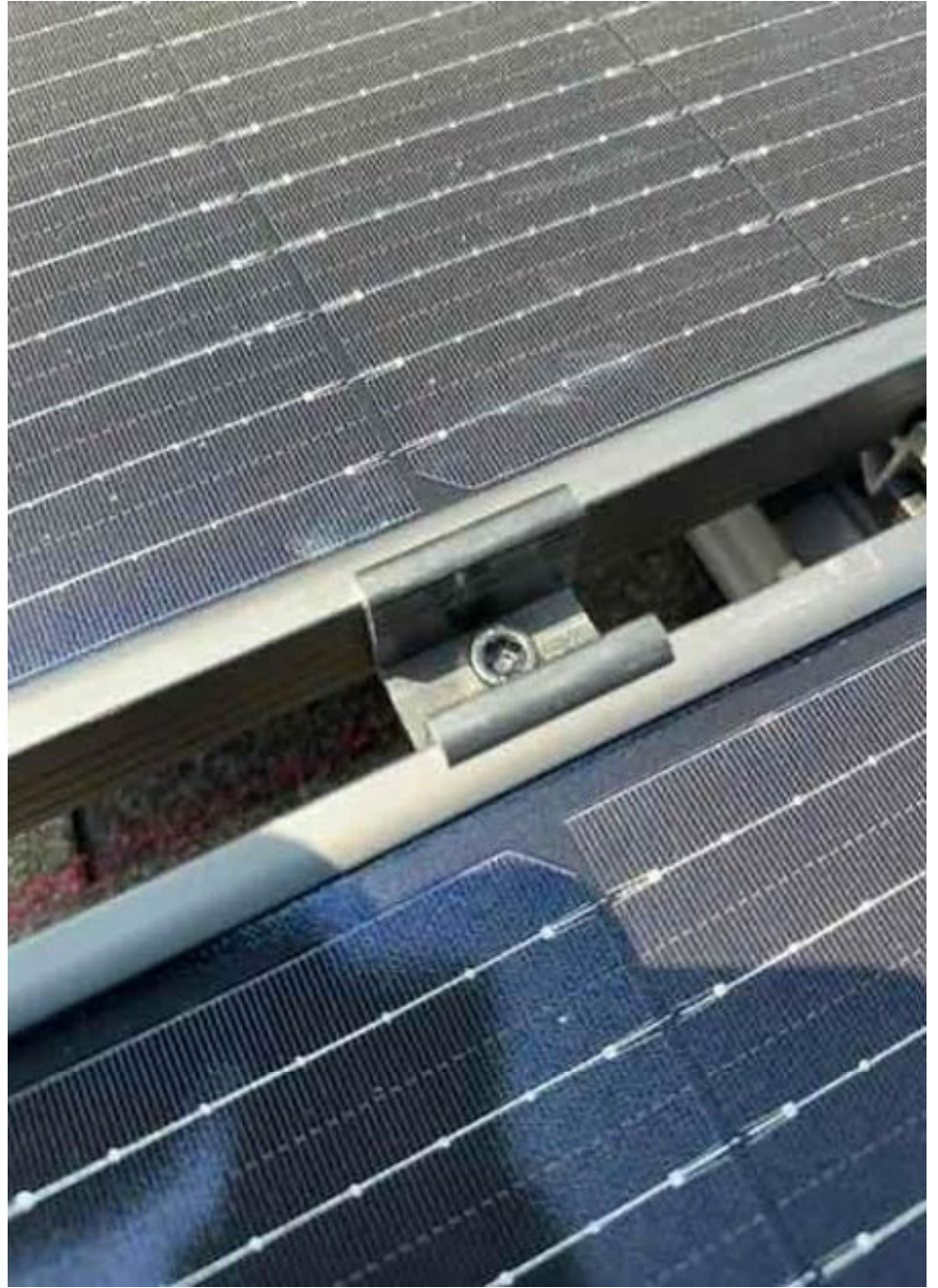




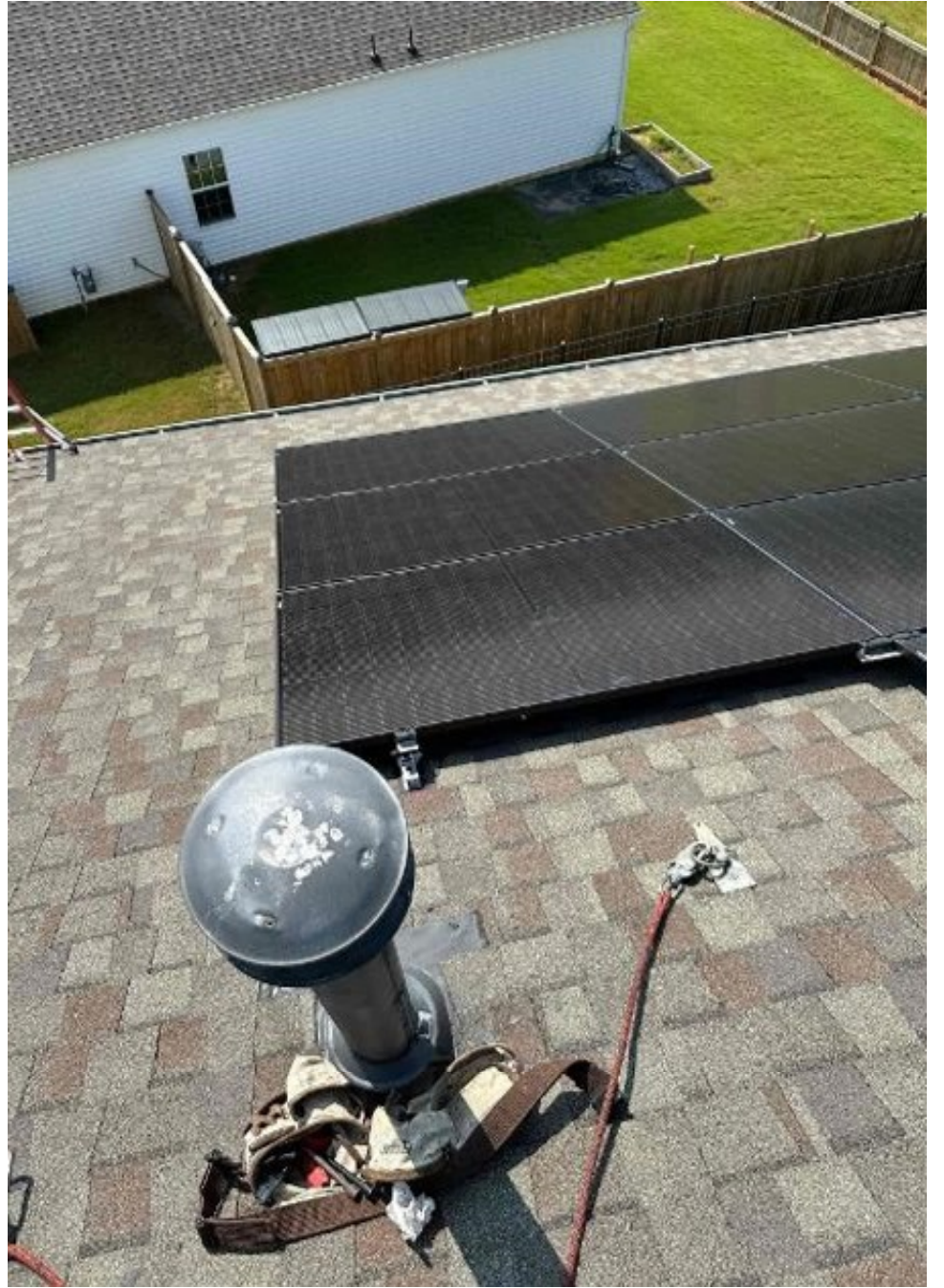




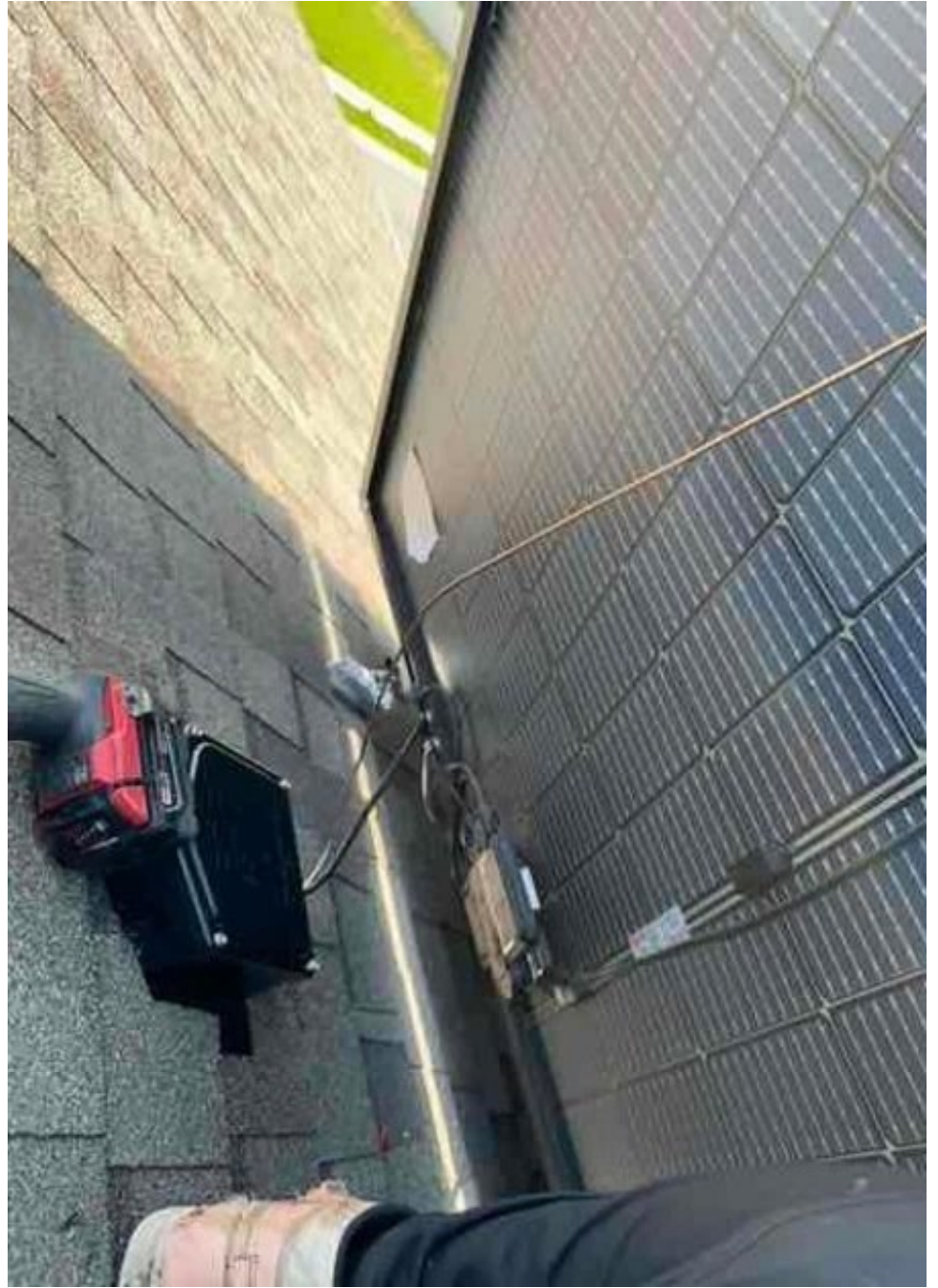










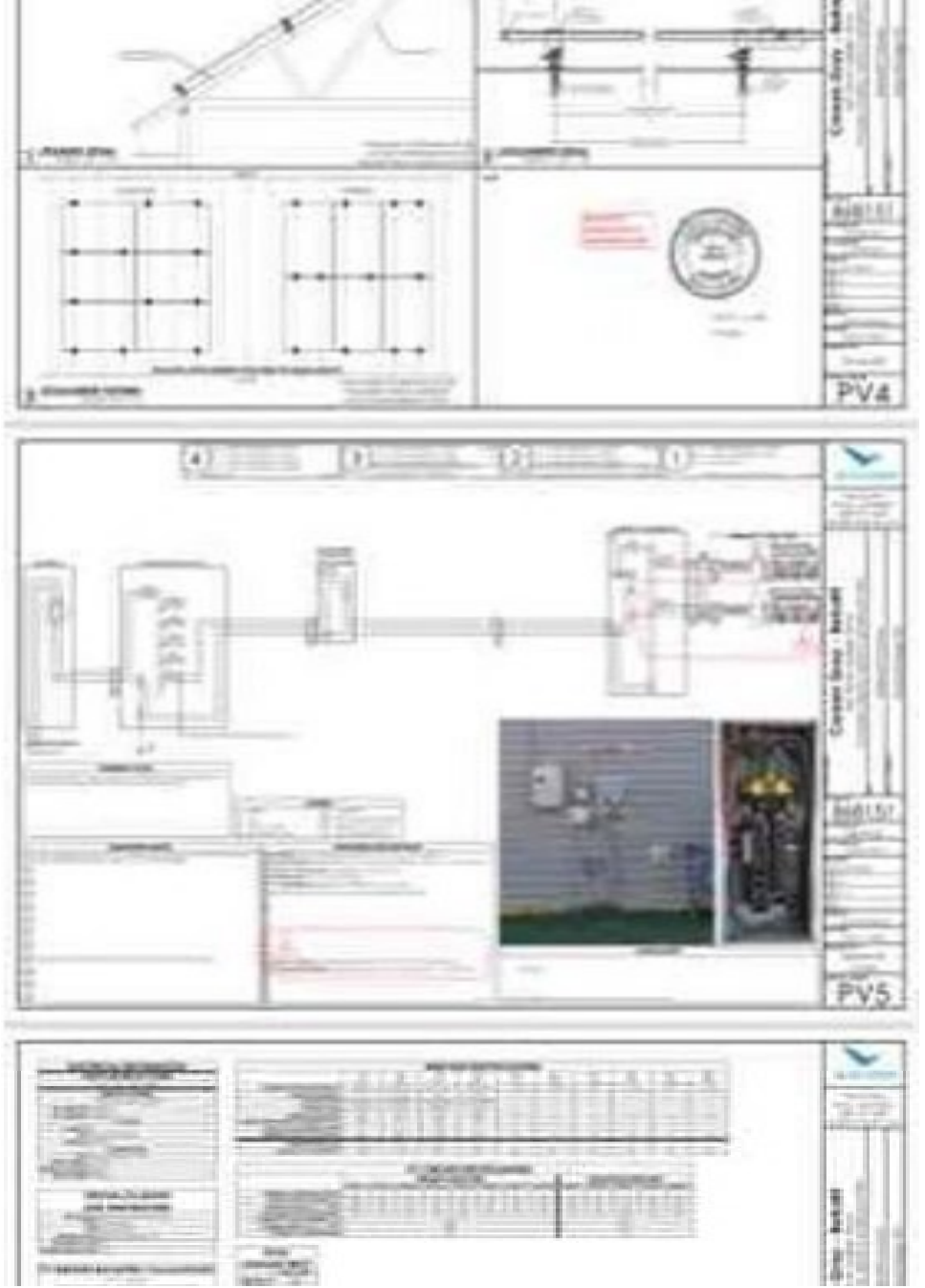




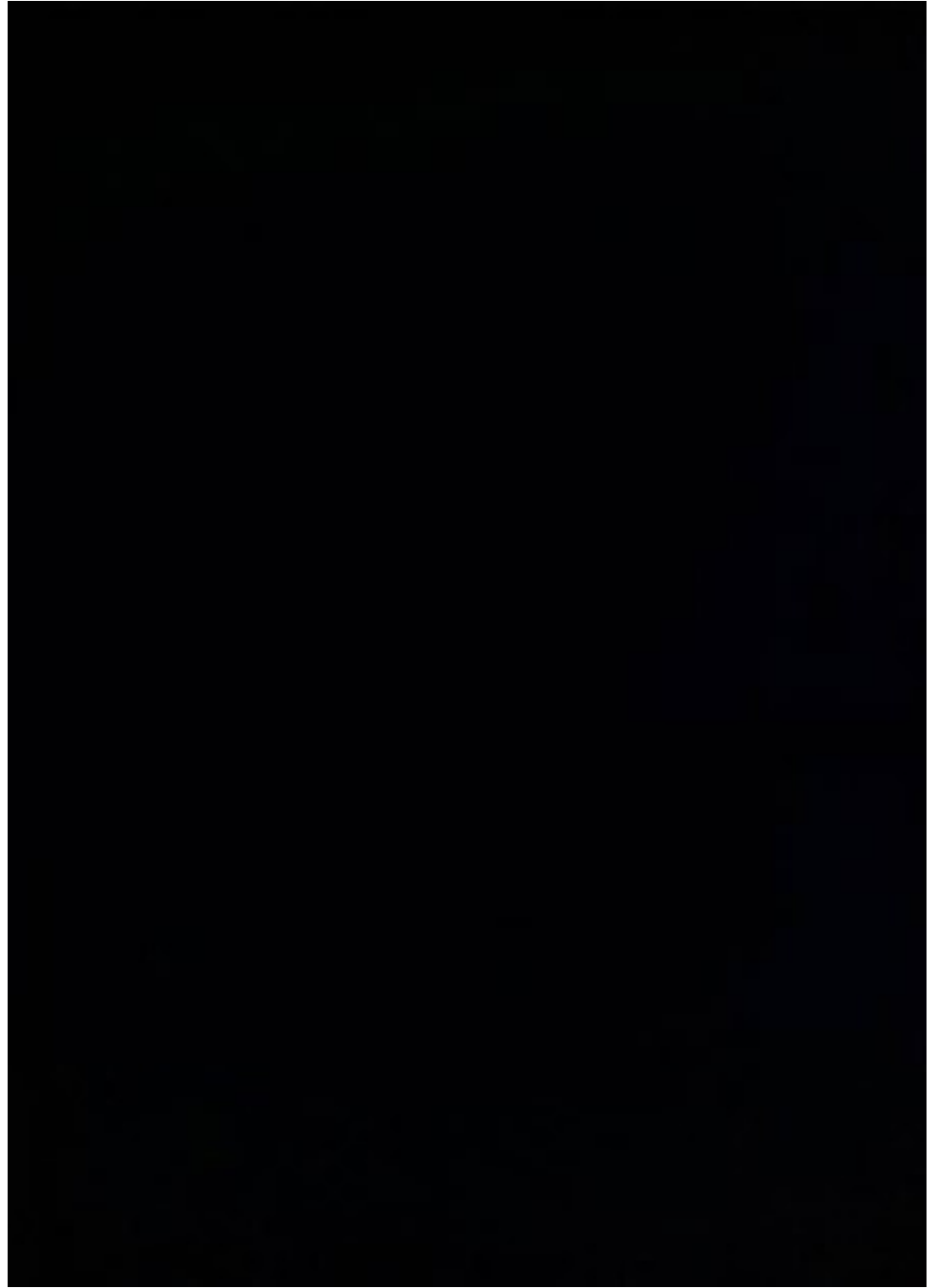


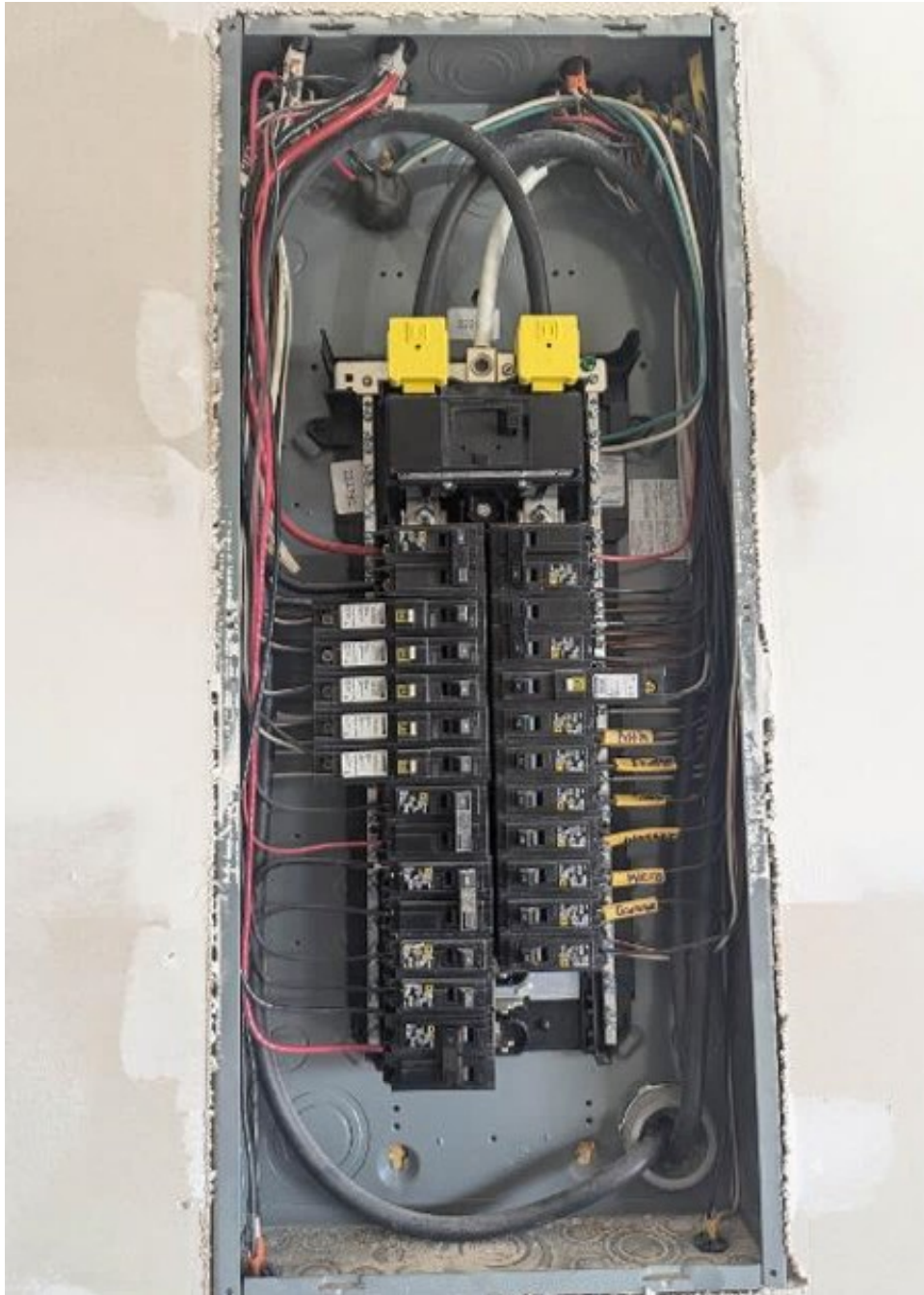






































Designated Competent Person - Fill out this portion of the form

\*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, follow the Injury Standard Operating Procedures - notify managers.

Nearest Urgent Care (circle one)	<b>Exford Memorial Hospital</b>
Nearest Emergency Room:	<b>St. Elizabeth's Hospital, NC 27801</b>
Safety Contact:	
Additional Notes:	

Report Injury



Workers  
 Compensation Provider: Berkshire Hathaway Insurance Companies  
 Berkshire Hathaway Address: PO Box 881376, San Francisco CA 94188  
 Berkshire Hathaway Fax Number: (800) 661-6964  
 Berkshire Hathaway Policy Number: BWCC256029 (9M, 1Y) - BWCC256018 (all other states)  
 Blue Raven Fax Number: (353) 496-428

Customer Name: **Comaborg**  
 Job Hazard Analysis: **Job Hazard Analysis**  
 Incident Date: **7/20/24**  
 Location: **4th Floor of Engineering Building**  
 Incident Type: **BLU RAVEN** Version: 5.2

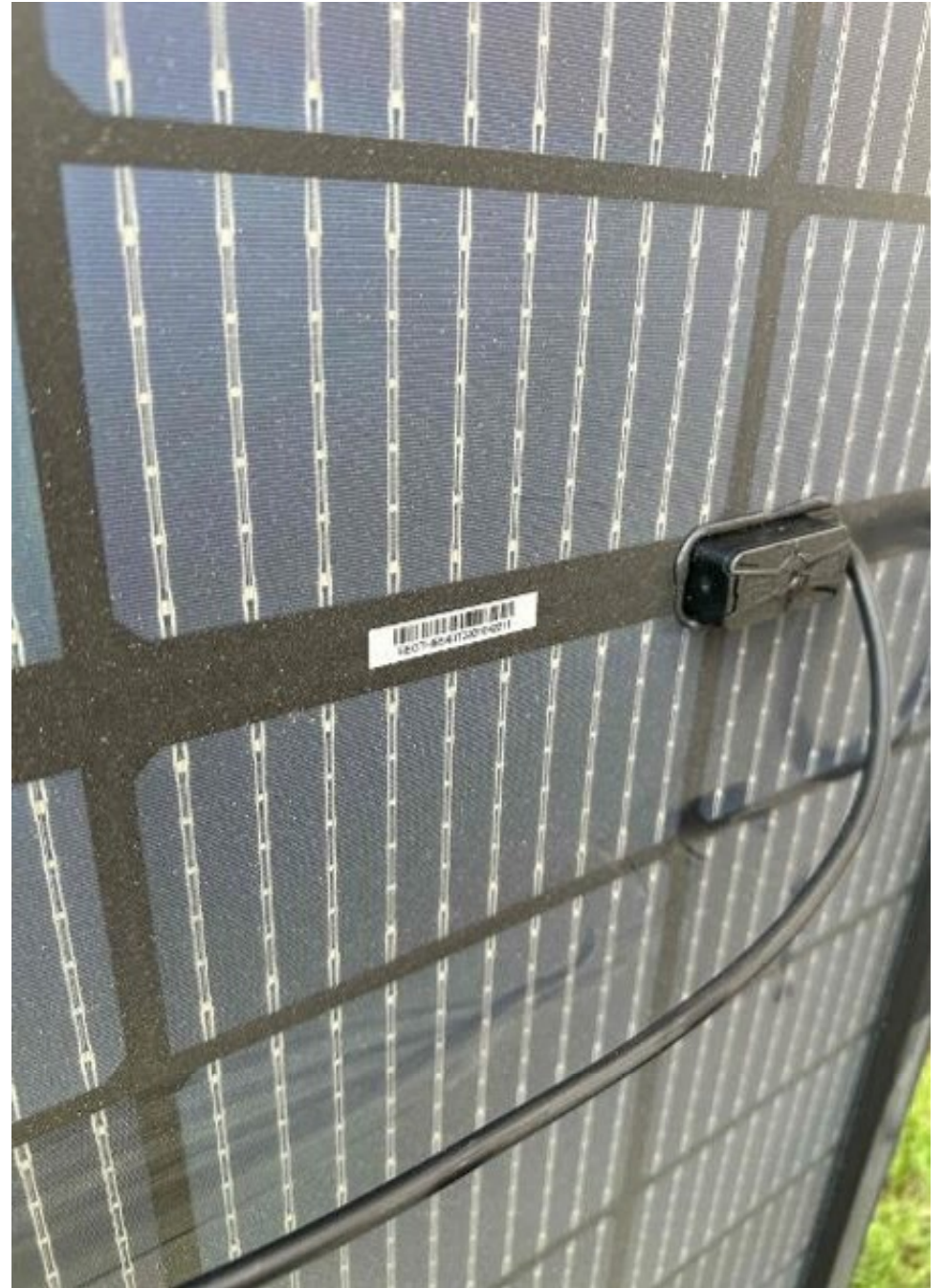
Activity	Hazards	Steps to Mitigate	Control
Climbing ladders	Fall Hazards	<input checked="" type="checkbox"/> Ladder Standard/Procedure followed <input checked="" type="checkbox"/> Insured with ladder tags <input checked="" type="checkbox"/> 3 points of contact maintained at all times <input checked="" type="checkbox"/> No one else on the ladder <input checked="" type="checkbox"/> No one else on the same structure <input checked="" type="checkbox"/> No one else on the same level <input checked="" type="checkbox"/> No one else on the same structure	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None
Working over it	Tools from above Head struck/head entrapment/side strikes	<input checked="" type="checkbox"/> Head struck/head entrapment/side strikes <input checked="" type="checkbox"/> Struck by material (falling objects)	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None
Work in high (30'-90') to ceiling (100'-110') area	Struck by material (falling objects)	<input checked="" type="checkbox"/> Struck by material (falling objects)	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None
working within low head	Struck by material (falling objects)	<input checked="" type="checkbox"/> Struck by material (falling objects)	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None
Electrical work	Electrical shock/arc-flash/arc blast	<input checked="" type="checkbox"/> Arc flash PPE: Goggles, pants, safety glasses, face shield, boots, earplugs, earmuffs, insulated gloves, safety harness, fall protection, CPTs are then given when 7' of electrical present	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None
Other general hazards	Struck by falling objects (tools) Cuts/scrapes Ergonomic hazards (overhead) Other hazards	<input checked="" type="checkbox"/> Safety glasses worn at all times <input checked="" type="checkbox"/> CPTs given when at all times <input checked="" type="checkbox"/> Proper lifting techniques/ team lifting <input checked="" type="checkbox"/> Steps to mitigate present	<input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> None

Other Hazards

Team Members	Signature	Date
Name		
Chris C. Koster		7/20/24











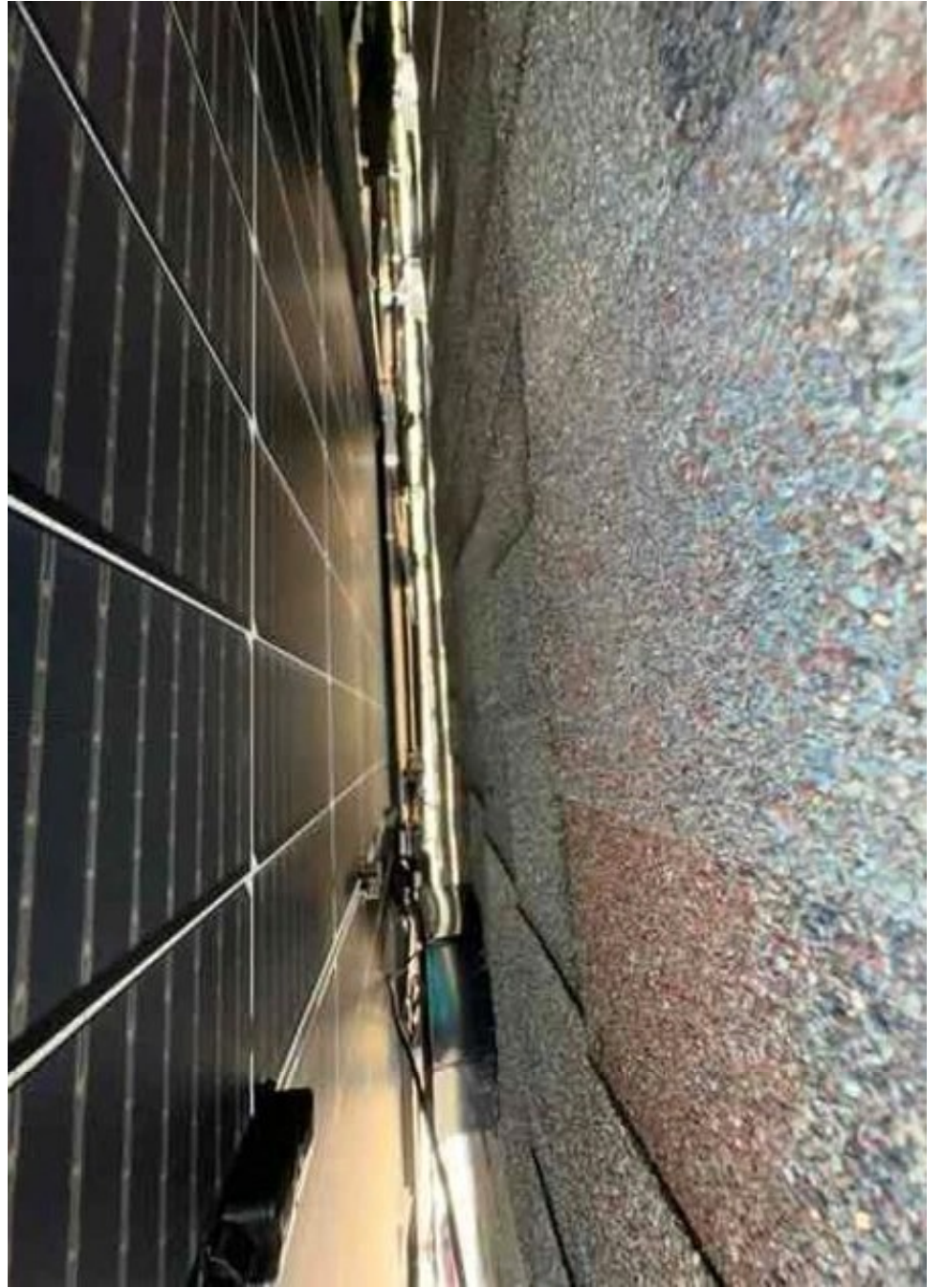












PHOTOVOLTAIC  
Combiner Box  
X-IQ-AM1-240-4


MAX  
**NOM**

CERT  
E34

**Electrical ratings**

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

For DG breaker, use only Eaton BR series.

  
202305059371

P/N:

S/N:   
202305059371

  
883-00356 25

Dedicated solar and DG Combiner Box - do not add loads  
10 AMP or 15 AMP IQ Gateway Breaker not used for backfeed

Connection	Wire sizes	Torque	
DG Breaker (1, 2, 3, 4)	14-10 AWG	2.2 Nm (20 lb-in)	
	8 AWG	2.8 Nm (25 lb-in)	
	6-4 AWG	3.0 Nm (27 lb-in)	
60A Circuit Breaker only	4-1/0 AWG	5.0 Nm (45 lb-in)	
IQ Gateway Breaker	14-10 AWG	2.26 Nm (20 lb-in)	
Neutral and ground	Large screw	2-1/0 AWG 14-3 AWG	5.6 Nm (45 lb-in) 5.1 Nm (45 lb-in)
	Small screw	6 AWG 8 AWG 10-14 AWG	3.6 Nm (32 lb-in) 2.6 Nm (23 lb-in) 2.3 Nm (20 lb-in)
Main lug	10-4 AWG	5.0 Nm (45 lb-in)	
	3-2/0 AWG	5.6 Nm (50 lb-in)	

Copper conductors only, rated min. 75°C.  
Follow NFPA 70 (NEC), or CSA C22.1 part 1, and all local codes.  
For DG Breakers larger than 20A, use wire insulated for 90°C  
based on 75°C ampacities.

Designed in California and New Zealand  
Made in Mexico