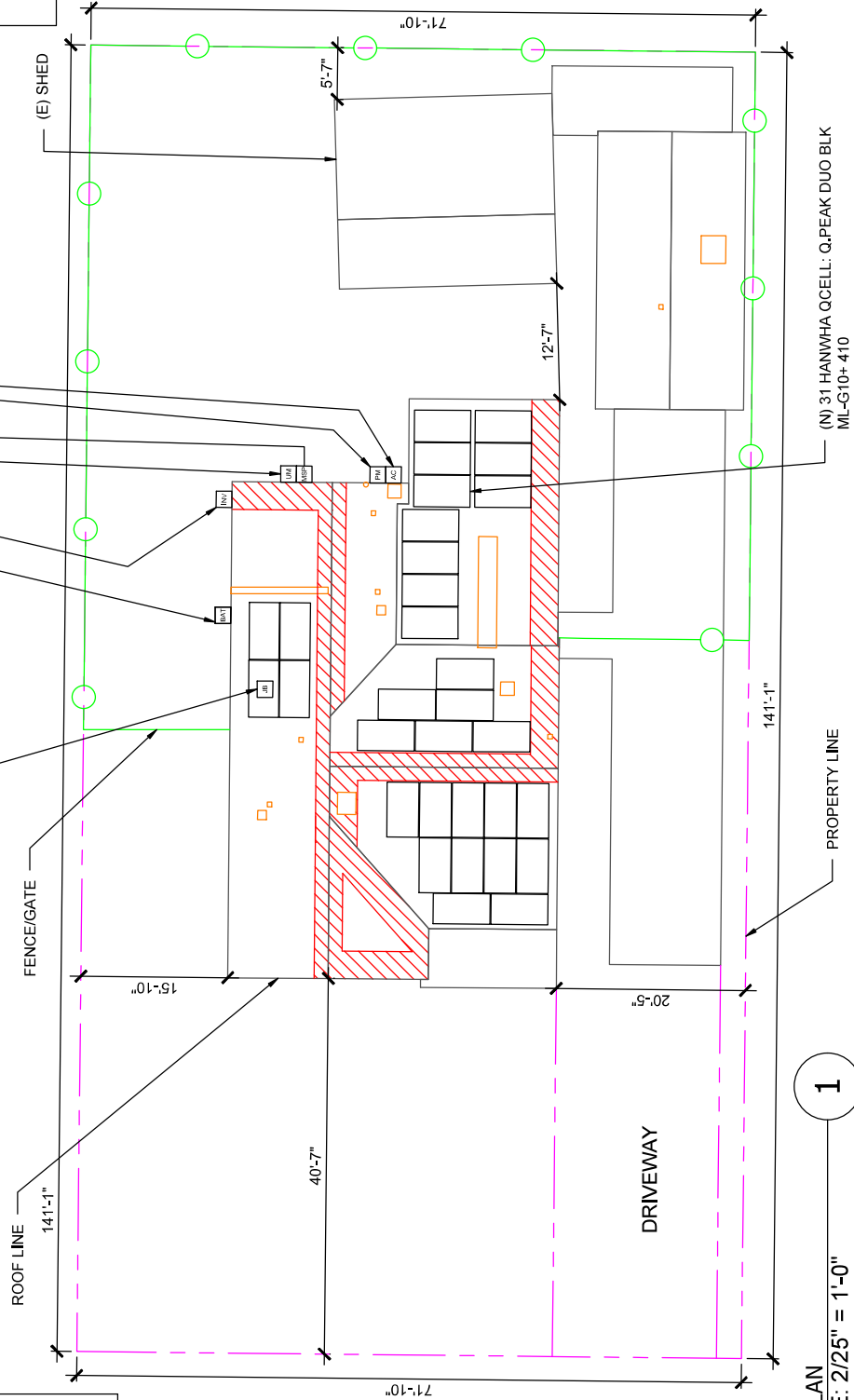


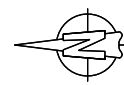
LEGEND:	
	CHIMNEY
	PIPE VENT
	MODULES
	CONDUIT
	SETBACK
	AC DISCONNECT
	PRODUCTION METER
	JUNCTION BOX
	INVERTER
	MAIN SERVICE PANEL

THE DG METER AND DISCONNECT SWITCH SHALL BE LOCATED WITHIN 10 FEET OF THE REVENUE METER



1

SITE PLAN
SCALE: 2/25" = 1'-0"



ROOF AREA: 4045.57 SQ. FT.	
CLIENT: CHET PRESTON 485 N. LORRETTA DR. TUCSON, AZ 85716 485 N. LORRETTA DR. TUCSON, AZ 85716 UTILITY: TEP - TUCSON ELECTRIC POWER METER: 159520010 APN: 112-07-4660 PHONE: (914) 468-4112 EMAIL: CREATEFACTS@GMAIL.COM	
SYSTEM: SYSTEM SIZE (DC): 31 X 410 = 12,710 kW SYSTEM SIZE (AC): 10,000 kW @ 240V MODULES 31 X HANWHA OCELL: Q-PEAK DUO BLK ML-G10+ 410 INVERTERS 3 X SOLAREDGE US90 MAIN SERVICE PANEL 1 X SOLAREDGE SE10000HJUS (PART/SKU USE:10000H-USMNB175) BATTERY: 1 X SOLAREDGE ENERGY BANK	
NO.	REVISIONS
1	REVISED BY
2	DATE
3	2/10/2025
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freedom
FOREVER

FREEDOM FOREVER LLC
2546 W BRCHWOOD AVE SUITE 101, MESA, AZ 85202
Tel: (888) 557-6431
GREG ALBRIGHT

Greg Albright

CONTRACTOR LICENSE:
CRA1 ELECTRICAL ROC 318879

SITE PLAN	
JOB NO.	DESIGNED BY:
555712	G.D.
DATE:	SHEET:
3/13/2025	PA2

Inspection Type:	RSOL - Electrical Final Solar Project	Requested Date:	05/01/2025	
Inspection Status:	Passed	Scheduled Date:	05/01/2025	
Permit Number:	TC-SOL-0225-00186	Completed Date:	05/01/2025	Completed Time: 12:03 PM
Inspector Name:	Odair Soares			
Main Address:	2416 LORETTA TUCSONAZ 85716			

Existing Inspections

Sort

Description

View Inspection	Description	Status	Request Date	Scheduled Date	Inspector	Action
BULD-036784-2025	BULD - Electrical Clearance	Passed	05/01/2025	05/01/2025	Soares Odair	
RSOL-036785-2025	COT - RSOL - Electrical Final Solar Project	Passed	05/01/2025	05/01/2025	Soares Odair	

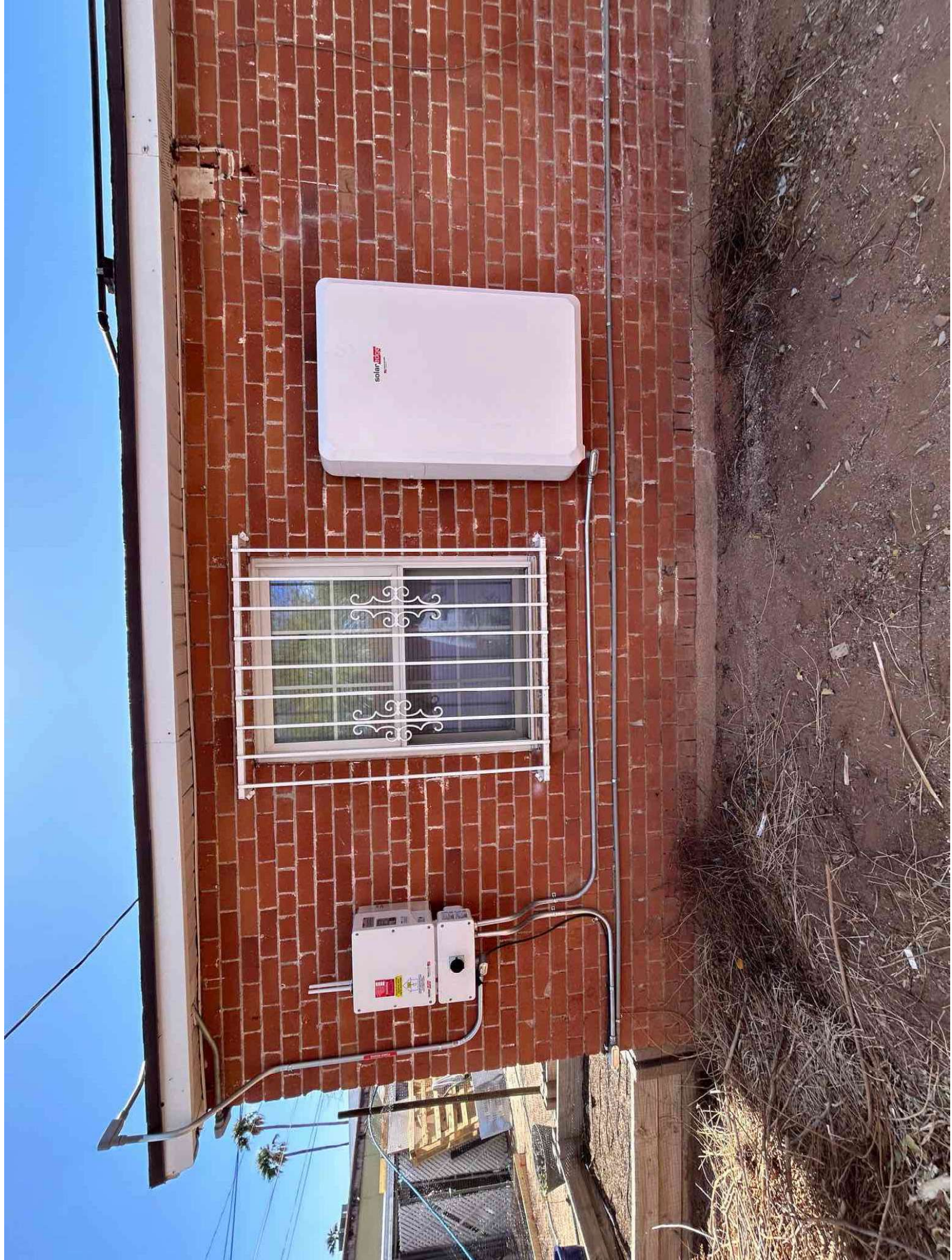


Charger

PV POWER SOURCE BREAKERS
ARE BACKFEEDING DO NOT
RELOCATE THIS OVERCURRENT
PROTECTIVE DEVICE
LADDER SHAWMUT
E-3004

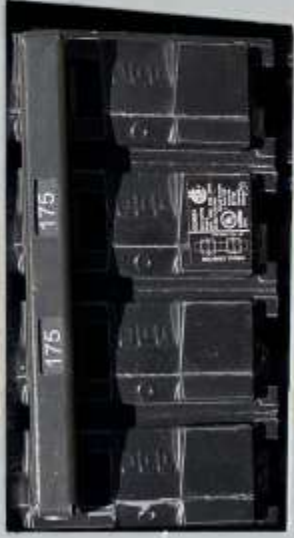








BREAKER HAS
BEEN DE-RATED
AT 175A
PER NEC 690.64(B)(2)
LASELIMARK.NET



HAZARD OF ELECTRICAL
SHOCK OR BURN
TURN OFF POWER BEFORE
ENTERING ENCLOSURE
WARNING: WAVE

Micro -
KITCHEN GFI -
Sub PANEL



CONTAINS FCC ID: R7PEG1R1S6
Landis+Gyr+ **GRIDSTREAM RF**
90942566
MODULE MODEL: 125 Integrated FOCUS AXa
ZigBee Certified product

UL LISTED
E36419

Va
002 0000000 kWh
A 240

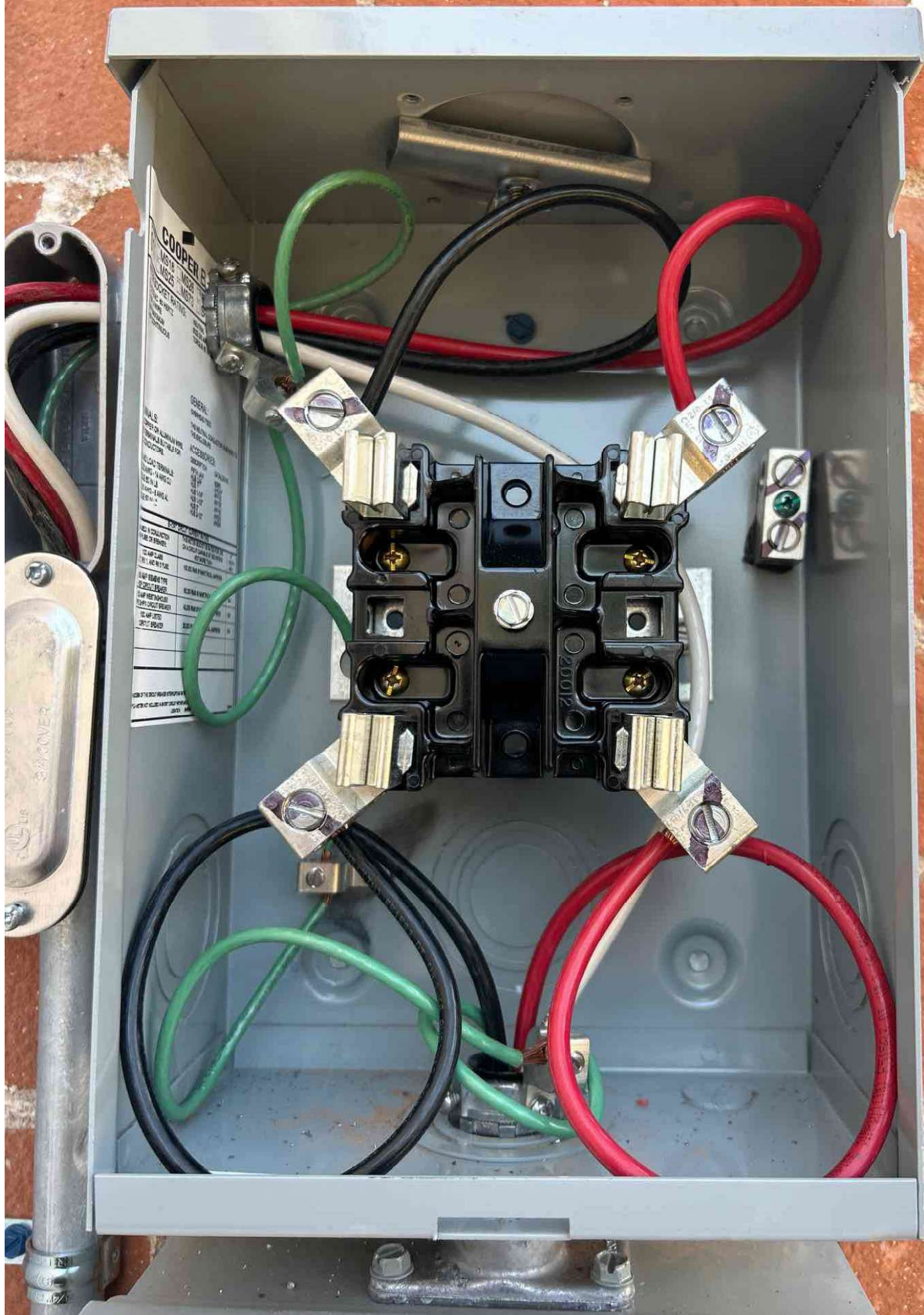
Type **FOCUS RXRe-SD**
FORM 2S CL200 240V 3W 60Hz TA=30 Kh 7.2
159520010

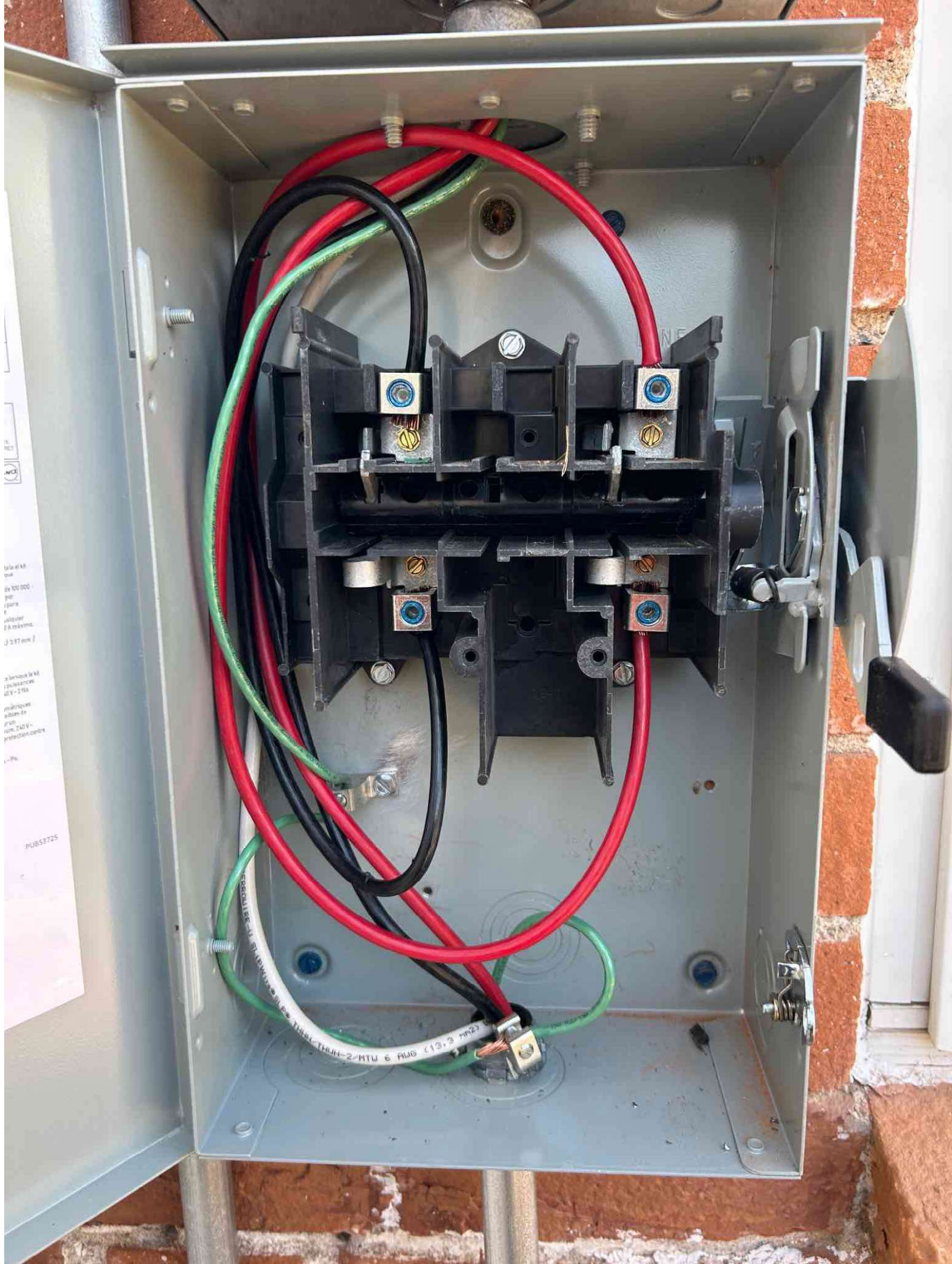
NXA159520010

UNISOURCE
159 520 010

517
0220

Landis+Gyr PATENT PENDING





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PUB59725

THNH-2/MTW 6 RJG (13,3 mm2)

the maximum operating current of
this system may be controlled
electronically. Refer to manufacturer's
instructions for more information.

solar edge SE10000H - 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	10000Wac@240V
Max Continuous Output Power stand - alone	11400Wac
Voltage Min - Nom - Max	211 - 240 - 264 Vac
Max stand - alone Capacity	11.4 KVA
Max Continuous Output Current Grid Connected	42Aac
Max Continuous Output Current stand - alone	48Aac
Max Output Fault Current	74 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

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 manufacturer's instructions for more information.



Wi - Fi Password

q8A4WiBx

Activation

XcJh y8BH 62hd iGLO kja2 ZuNe Cu8 =

WiFi MAC

84:D6:C5:A3:0B:AF

PN USE10000H - USMNB175

SN SB5024 - 0750EE253 - B8



solar edge



PHOTOVOLTAIC RAPID

OWN SYSTEM



solaredge



BAT – 10K1P

Nominal Energy	9.7 kWh
Rated capacity	94ah
Output Voltage (Min – Nom – Max)	350 – 400 – 450 Vdc
Continuous Output Power	5.0 kWdc
Max Continuous Output Current	14.3 Adc
Peak Output Power in	7.5 /10 kWdc / sec
Backup / duration	
Max short circuit	1k/10 Adc/msec
current / duration	
Enclosure	NEMA 3R / IP55
Operating Temperature Range	- 10 °C to + 50 °C
Storage Temperature Range	- 30 °C to + 60 °C
Battery Designation	ICP/46/174/134/ 1P30S E/- 10 +50/95
Li Ion rechargeable battery	
Conforms to ANSI/CAN/ UL Std. 1973	
Conforms to UL Std. 60730 – 1	



Scan this code for
Emergency contact



UK
CA



Intertek
4004590

P/N: UBAT – 10K1PS0B – 03



SN: SU0725 – 0630C007A – E9

