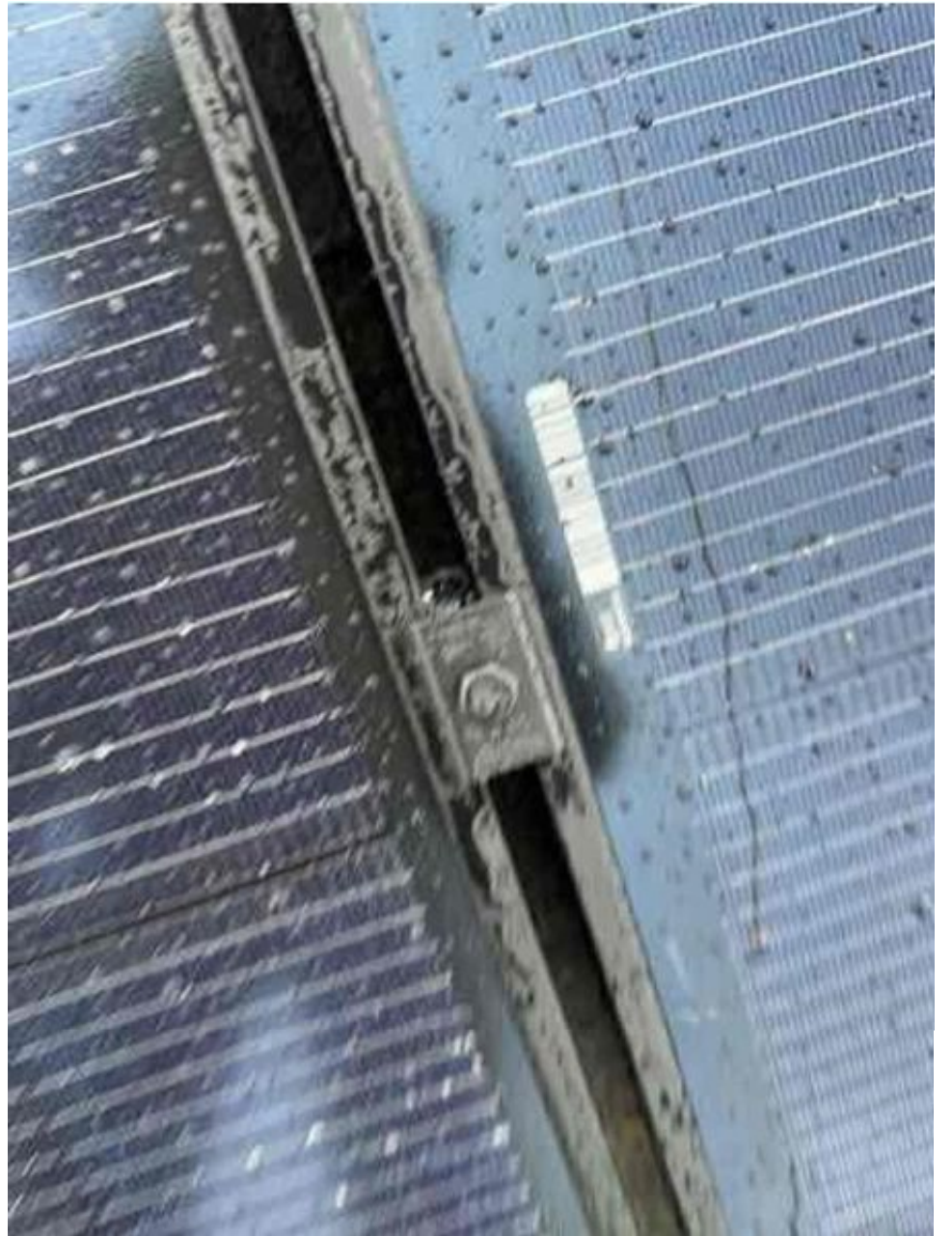
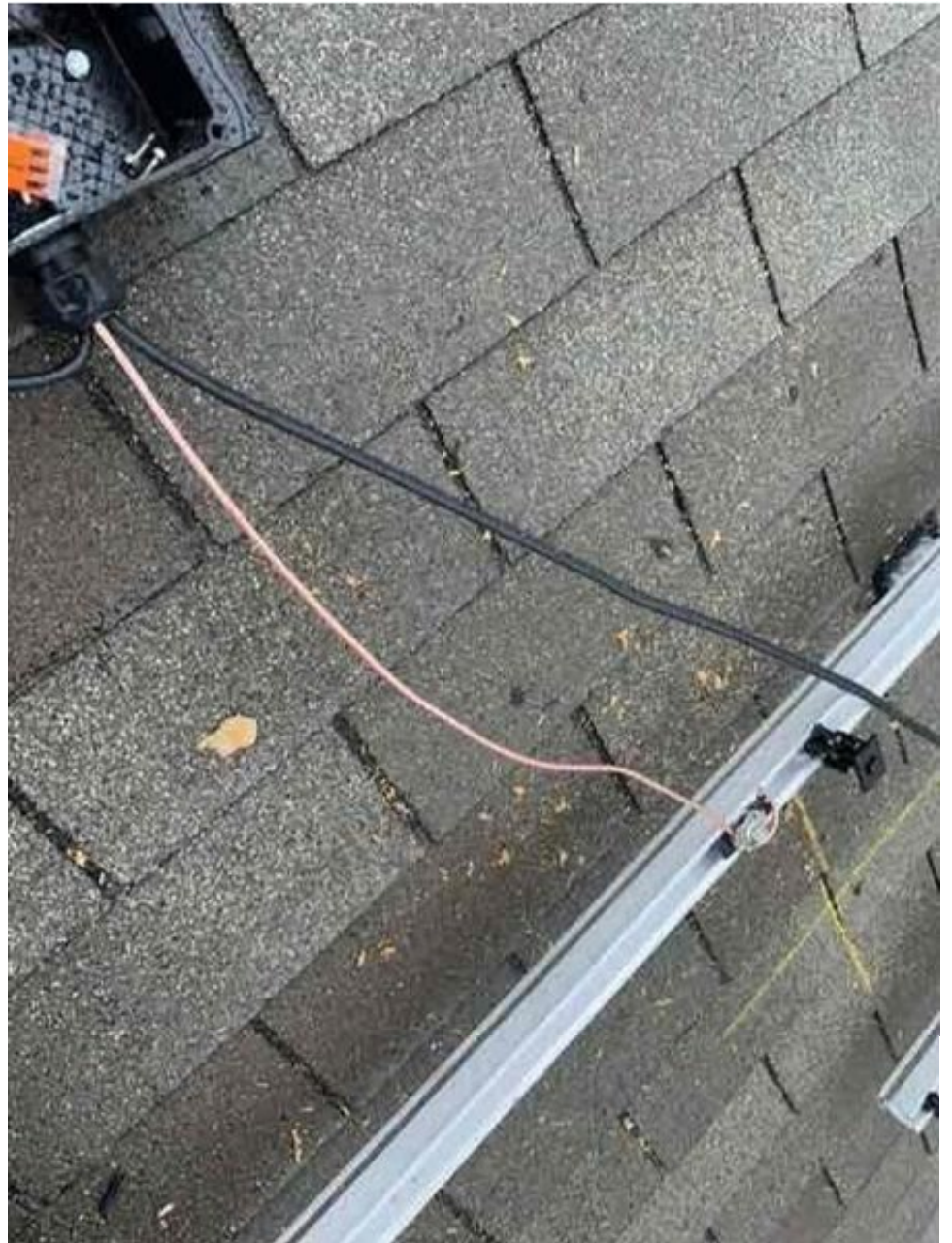
















REC REC Alpha Pure-RX Series
REC460AA Pure-RX
Serial Number: FDB-7005495208

Power Output (P _{max})	450 W
Watt Class Sorting	0/+10 W
Power Production Tolerance	+/- 3 %
Rated Voltage (V _{mppt})	54.9 V
Rated Current (I _{mppt})	8.20 A
Open Circuit Voltage (V _{oc}) (+/- 3%)	65.8 V
Short Circuit Current (I _{sc}) (+/- 3%)	8.88 A
Maximum System Voltage (V _{sys})	1000 V
Maximum Series Fuse (DC)	20 A
Maximum Design Load	14665 / 29665 Pa*
Maxim. System Connector	20°C
Max. Temp. at 80°C	20°C
Max. Temp. at 80°C	20°C

CE UK CA

Manufactured: 26.03.2023

Warning electrical hazard! This module produces electricity when it is exposed to light.
CAUTION: DO NOT DISCONNECT UNDER LOAD

Attention: Ne pas déconnecter sous tension
ATTENTION: NE PAS DISCONNECTER SOUS TENSION

For further information, see also: REC470 and REC470-2P modules installed for a max. of 8010
Made in Singapore by REC POLAR PTE. LTD. 20, Tekong Road,
20 TEKONG ROAD, TEKONG, SINGAPORE 64710, SINGAPORE

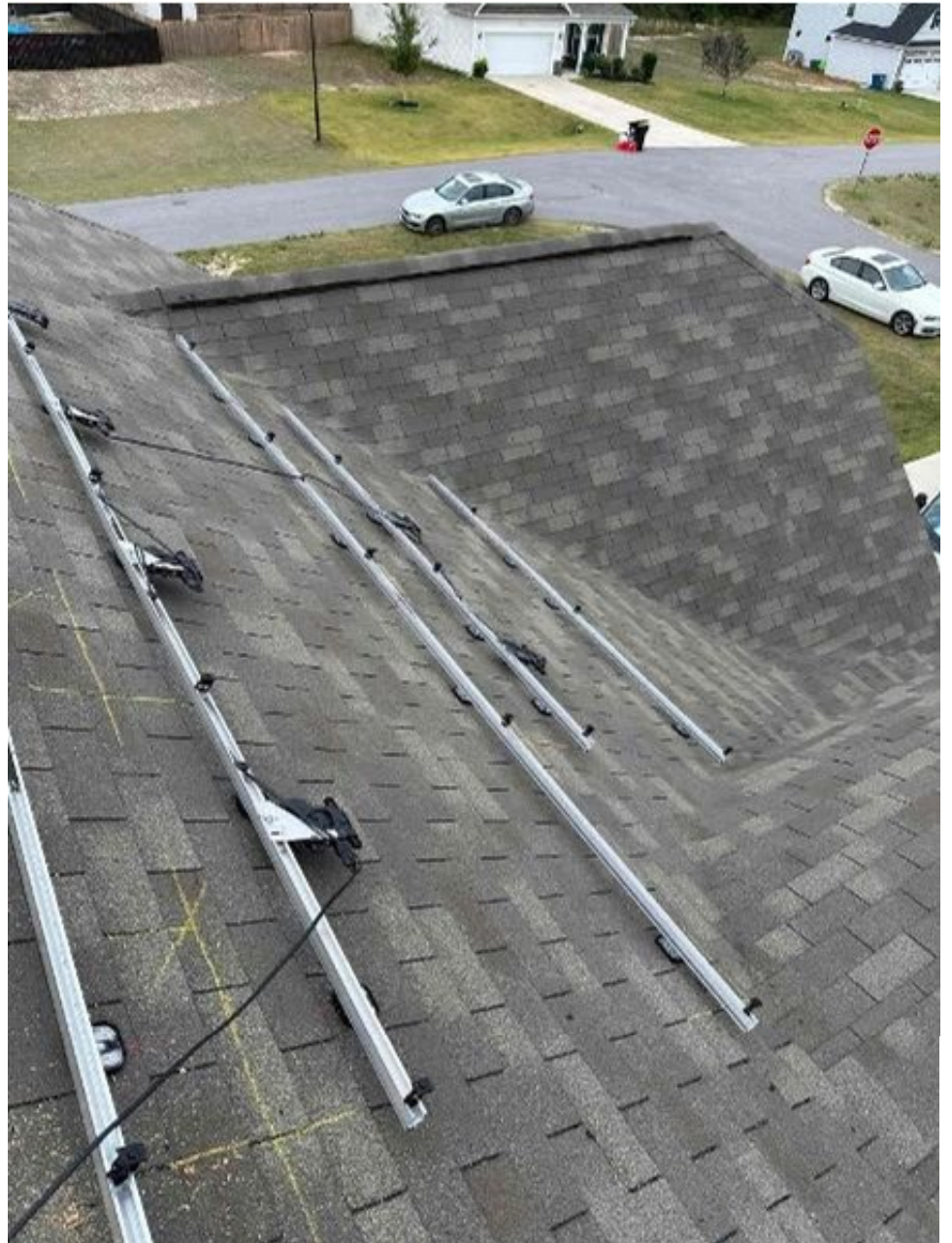
REC Solar GmbH REC Solar GmbH
Seestraße 17a, D-14481 Berlin, Germany, Tel: +49 30 889 443 20 00
For further information see: www.rec-solar.com













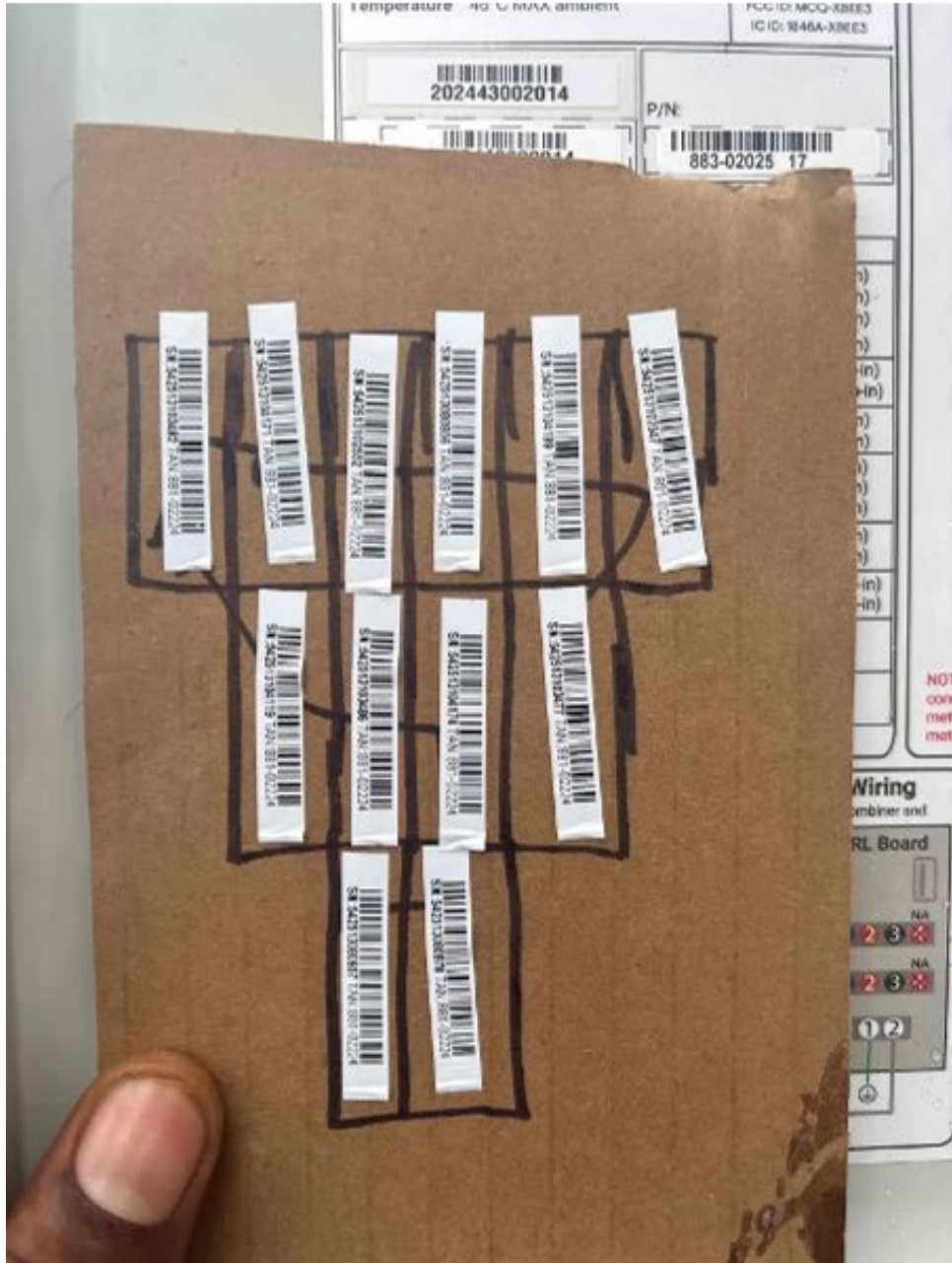


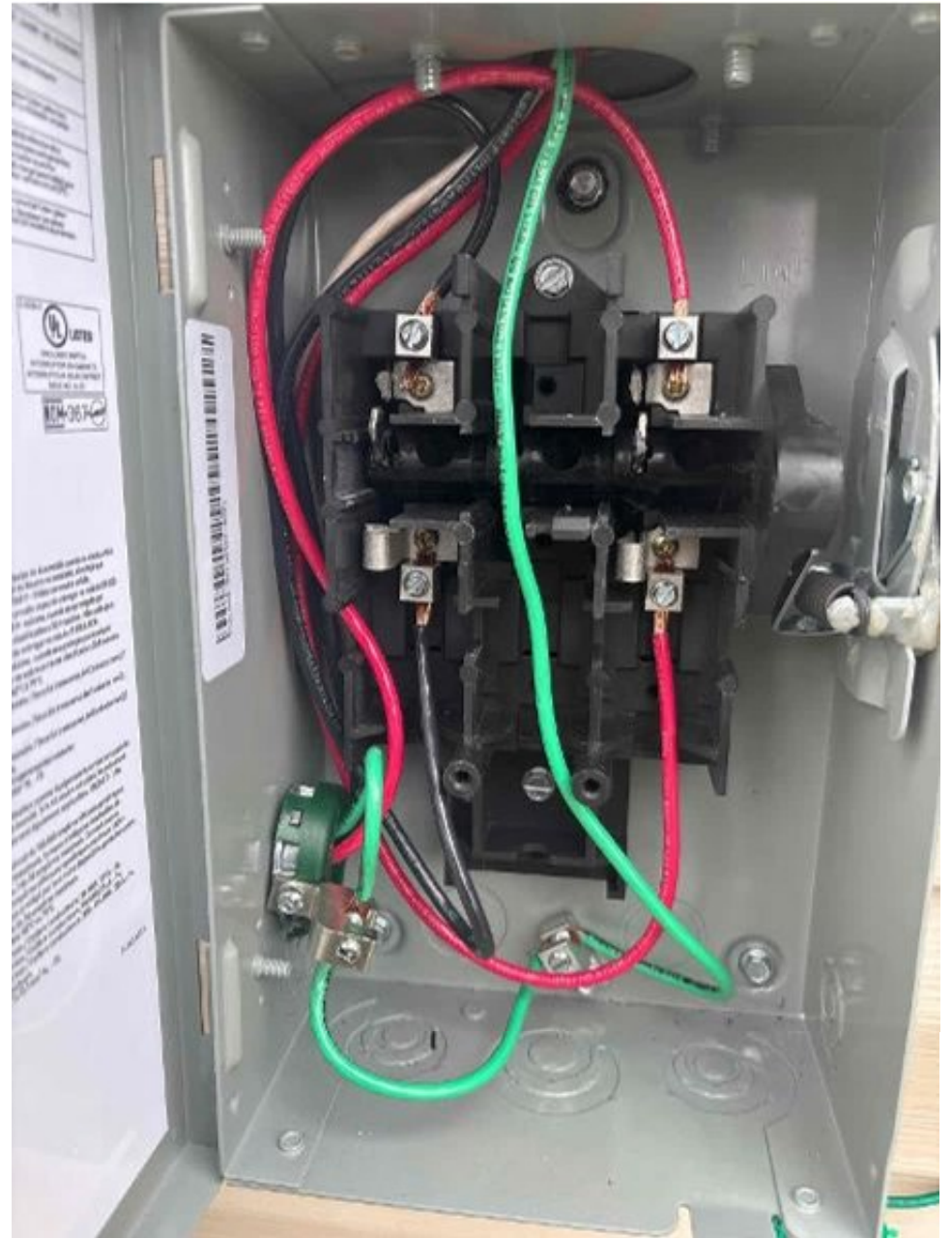












Always use proper wiring techniques and CT at right.

Device scan button
Only used by installer during installation or to reconfigure the system.
When pushed a 15-minute scan for devices over the power line.

All LEDs
 - - - - - Flashing green when software upgrade is in progress.
 - - - - - Flashing red when IQ Gateway is booting up.

(1) Powerline LEDs can take up to 30 seconds to glow.
We're monitoring with for 3 minutes after powerUp off the IQ Gateway, before powering it back on.

ENPHASE.
IQ Combiner 5
 Photovoltaic
 Combiner Box
 X-IQ-AM1-240-5-HDK

Scan for QIG

Electrical ratings

Voltage	240V ~, 60Hz	UL CERTIFIED SAFETY WARRANTY E3M1165
DG Breakers	80A MAX (combined)	
DG Inputs	64A MAX (combined)	
Output	65A MAX, 90A MAX feeder OCPD	
Temperature	46°C MAX ambient	NOM FC IQ GATEWAY CONTAINS FCC ID: W52-MG/808V0 IC ID: 104626-WG/808V0 CTRL BOARD CONTAINS FCC ID: MCG-XBEE3 IC ID: 846A-XBEE3

Barcode: 202443002014

S/N: 202443002014

P/N: 883-02025 17

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 (5)	14-10 AWG	2.26 Nm (20 lb-in)	
IQ Gateway Power Terminals	14-10 AWG	1.4 Nm (12.4 lb-in)	
Neutral and ground	Large screw	2-1/0 AWG	5.6 Nm (50 lb-in)
		14-3 AWG	5.1 Nm (45 lb-in)
	Small screw	6 AWG	3.6 Nm (32 lb-in)
		8 AWG	2.6 Nm (23 lb-in)
10-14 AWG		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)	
CTRL Connectors	CTRL Cables (C1,C2)	18 AWG	0.2 Nm (1.77 lb-in)
	Drain Cables (C3)	18 AWG	0.2 Nm (1.77 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 connections.

NOTE: CTs for general connected in parallel



