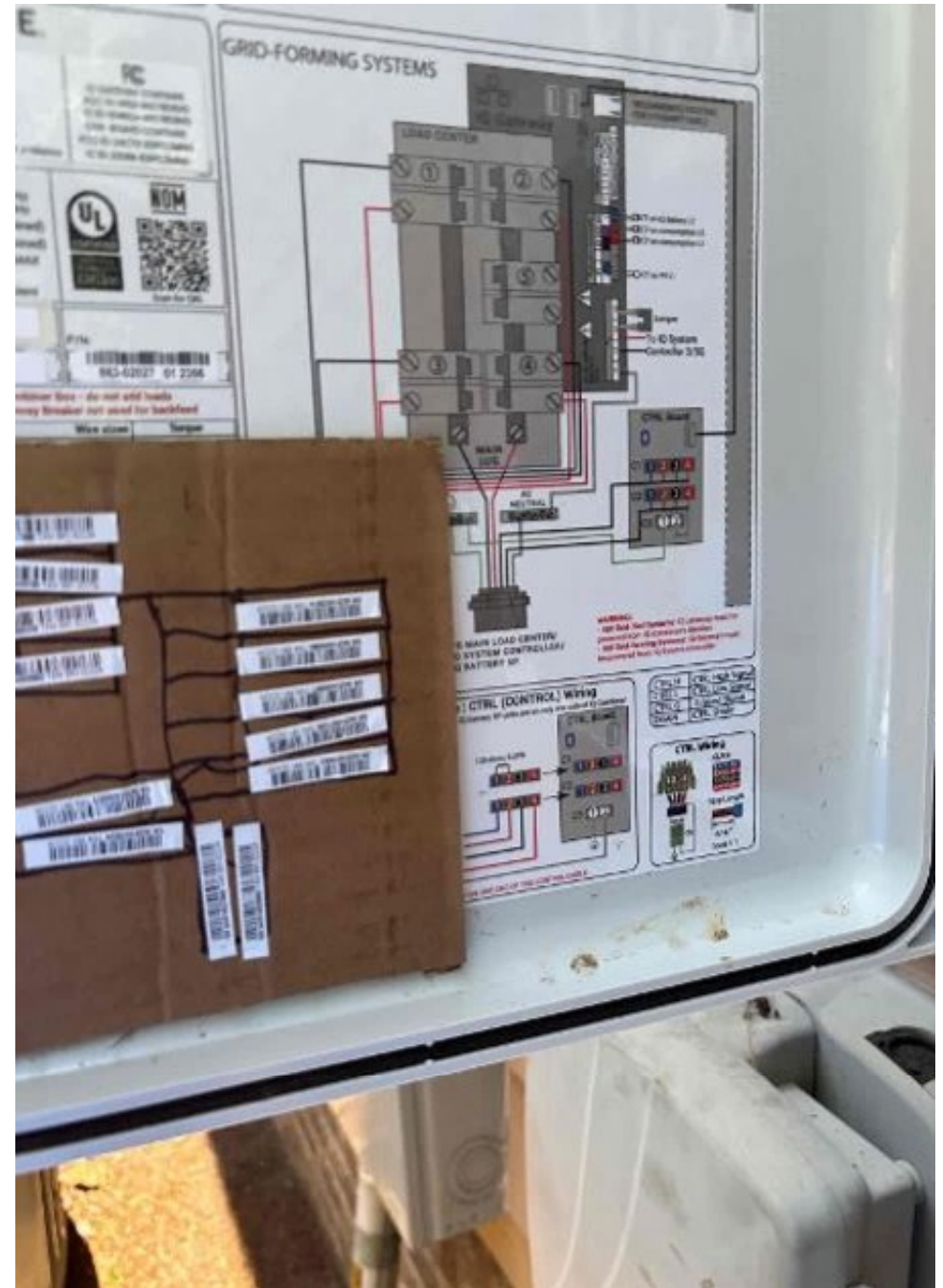
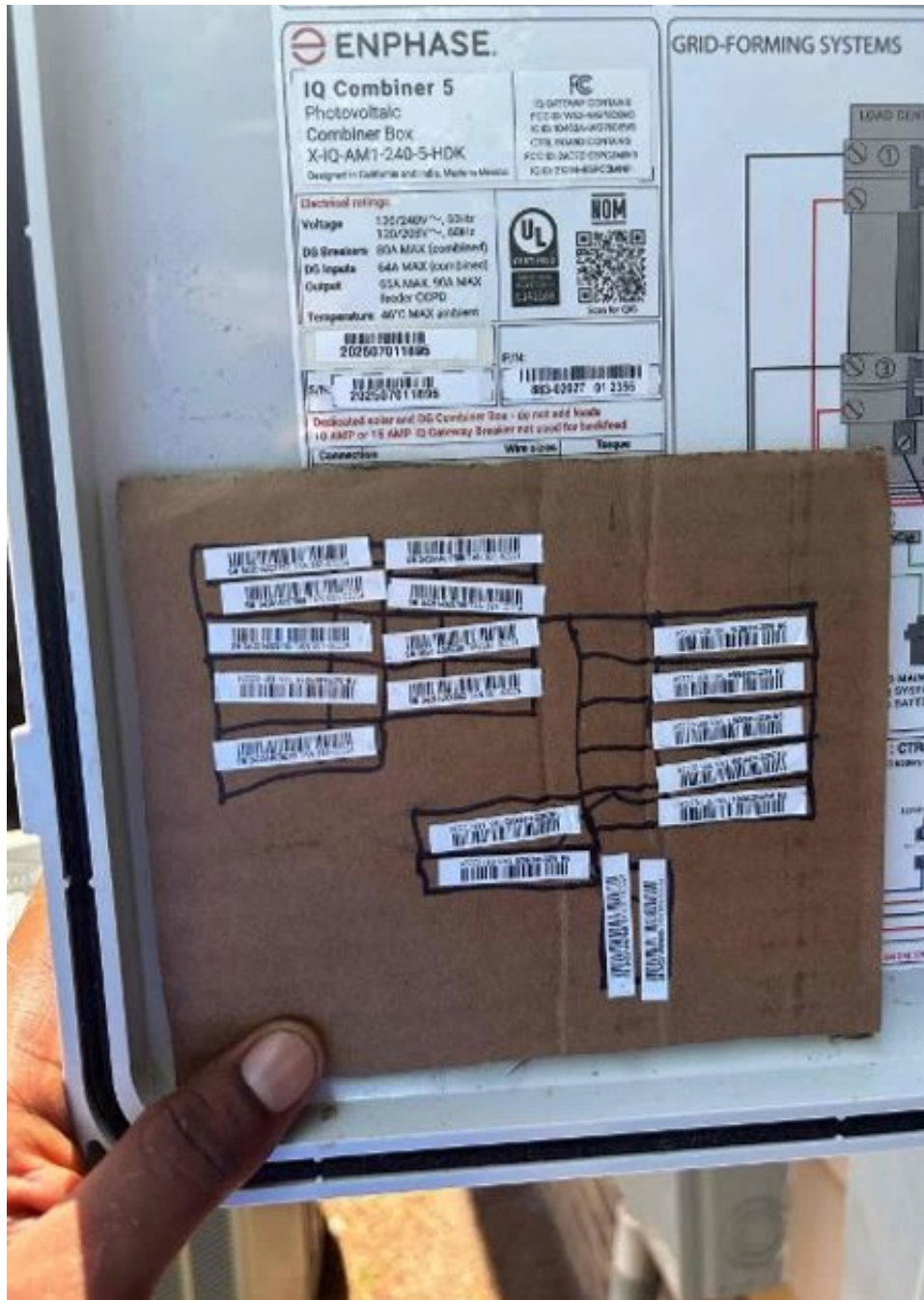
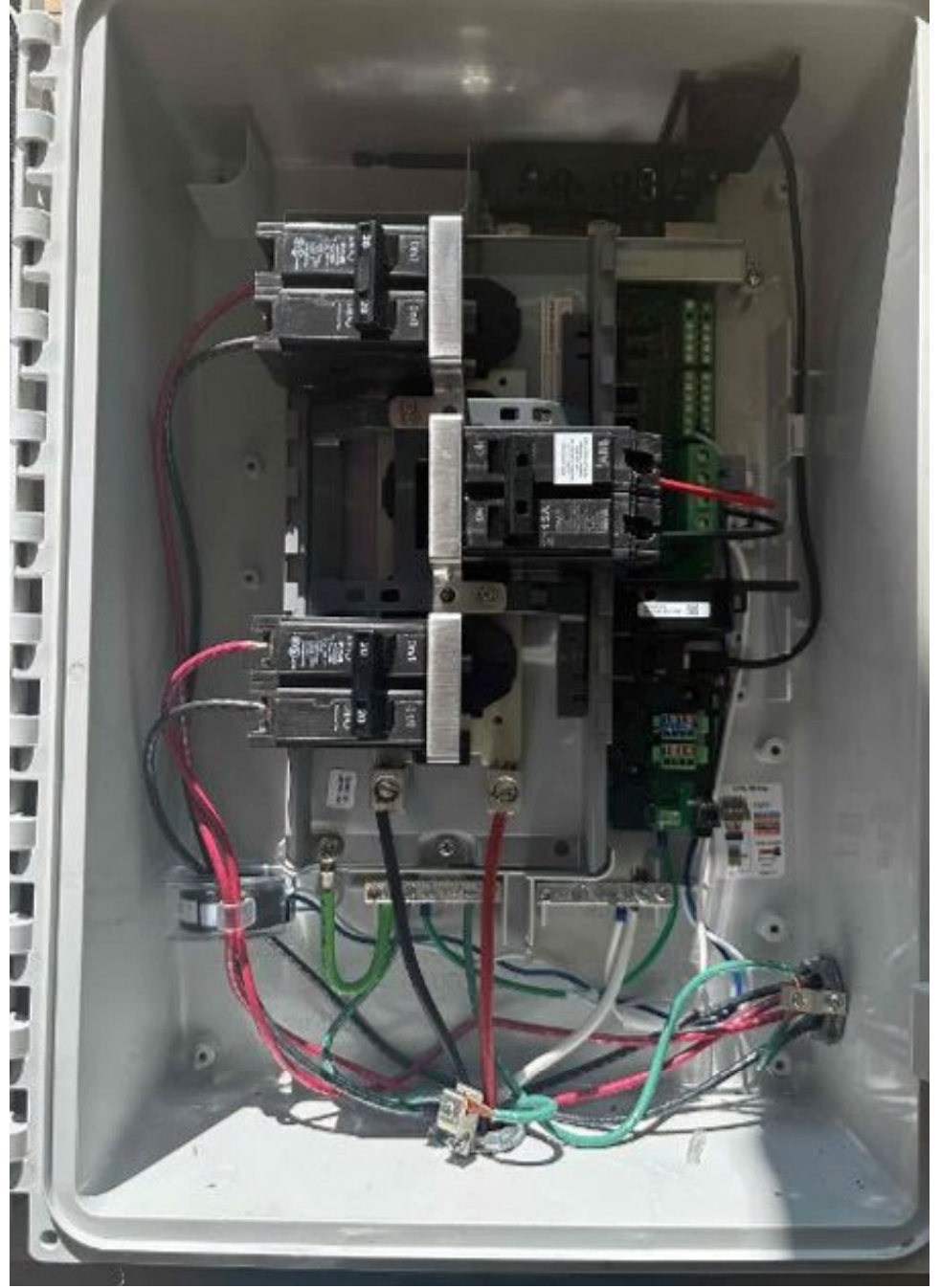
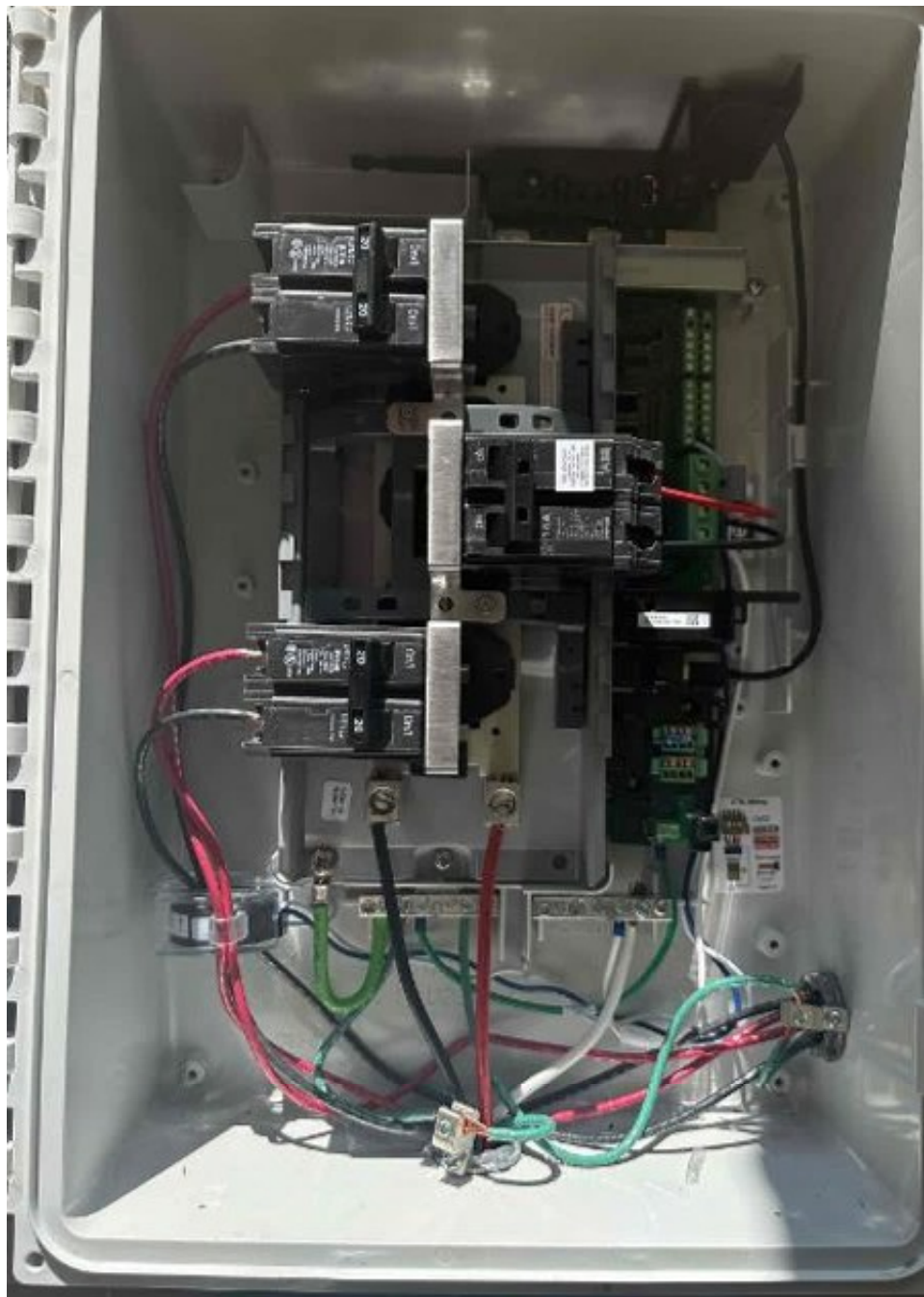








IQ Combiner 5
Photovoltaic
Combiner Box
X-IQ-AM1-240-5-HDK
Designed in California and India. Made in Mexico

IQ GATEWAY CONTAINS
FCC ID: W52-WG780BVO
IC ID: 10462A-WG780BVO
CTRL BOARD CONTAINS
FCC ID: 2AC72-ESPC3MINI
IC ID: 21098-ESPC3MINI

Electrical ratings
Voltage 120/240V~, 60Hz
120/208V~, 60Hz
DG Breakers 80A MAX (combined)
DG Inputs 64A MAX (combined)
Output 65A MAX, 90A MAX
feeder OCPD
Temperature 45°C MAX ambient

UL CERTIFIED
SAFETY LISTED
E341166

NOM
Scan for QIG

202507011895

S/N: 202507011895

P/N: 883-02027 01 2356

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 14-3 AWG	5.6 Nm (50 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 3-2/0 AWG	5.0 Nm (45 lb-in) 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 ampacities.

Non terminating node
When IQ System Connects
both CTRL...





