





REC Alpha Pure-RX Series
REC460AA Pure-RX
 Serial Number: FBB-7006497541

REC

Power Output (P_{max})
 Watt Class Sorting
 Power Production Tolerance
 Rated Voltage (V_{mpp})
 Rated Current (I_{mp})
 Open Circuit Voltage (V_{oc}) (+/- 3%)
 Short Circuit Current (I_{sc}) (+/- 3%)
 Maximum System Voltage (V_{sys})
 Maximum Series Fuse (DC)
 Maximum Design Load
 Module (T_{cell})
 Connector
 Values at STC: 1000 W/m² AM 1.5, cell temp 25 °C

460 W
 0/+10 W
 +/- 3 %
 54.9 V
 8.38 A
 65.8 V
 8.88 A
 1000 V
 25 A
 +4666 / -2666 Pa*
 70°C
 Stable PV-KST4/KBT4

CE
UK
CA

Conforms to
 UL 954, UL 1741-1-2
 CSA C22.2-ME1720-1/-2
 IEC 61730-1/-2
 IEC 61730-2
 IEC 4127-2021
 IEC 4127-2023

DE

Interlock
 UL Fire Marking Type 2*

Manufactured: 30.03.2025

For third connections, use min. 4 mm² 12 AWG UL PV wires insulated for a min. of 90°C
 Made in Singapore by REC SOLAR PTE LTD. (Tel: +65 6435 9228)
 20 TUAS SOUTH AVENUE 14, SINGAPORE 637312, SINGAPORE
 EU/Europe Contact: REC Solar EMEA GmbH
 Balaunstr. 71a, 81541 Munich, Germany, Tel: +49 10189-442-38590
 For other regions see: www.recgroup.com/contact

ATTENTION: NE PAS DECONNECTER SOUS TENSION
CAUTION: DO NOT DISCONNECT UNDER LOAD
 Warning electrical hazard. This module produces electricity when exposed to light.
 Avertissement: Risque de choc électrique. Ce module génère product de l'électricité lorsqu'il est exposé à la lumière.

REC

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497541

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497542

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497543

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497544

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497545

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497546

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497547

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497548

REC

REC460AA Pure-RX
 P_{max}: 460 W
 I_{mp}: 8.38 A
 V_{mp}: 54.9 V

FBB-7006497549













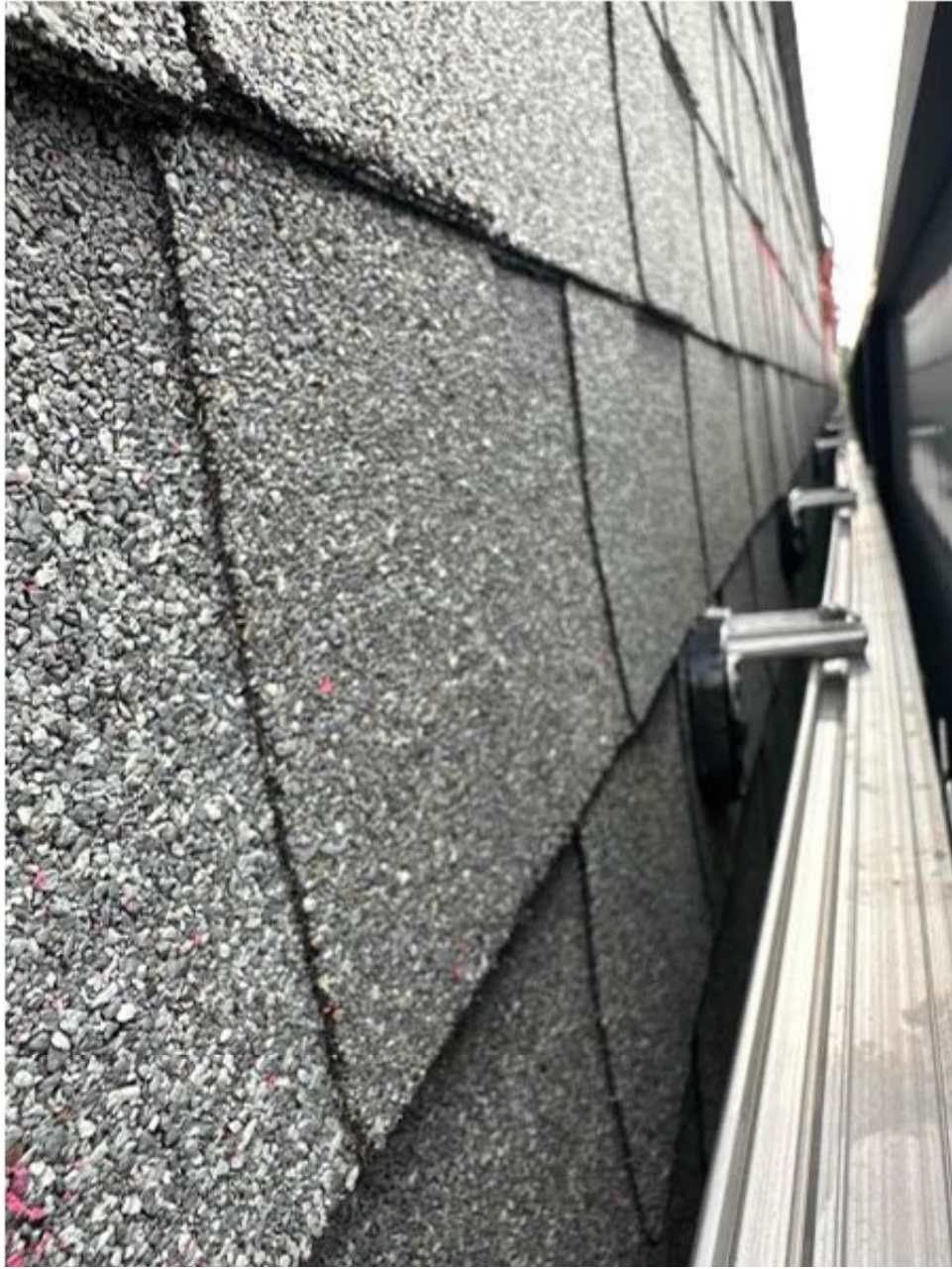






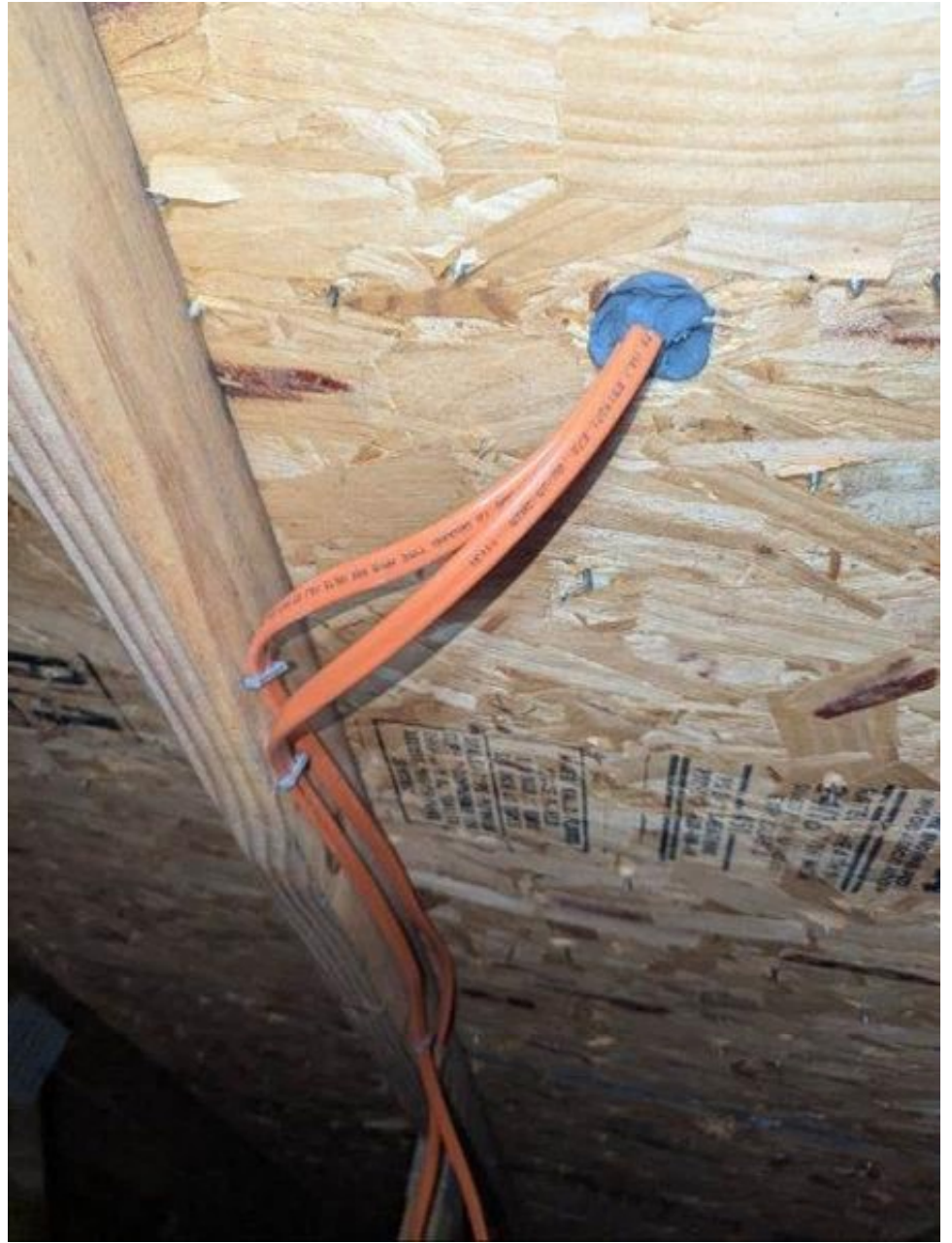


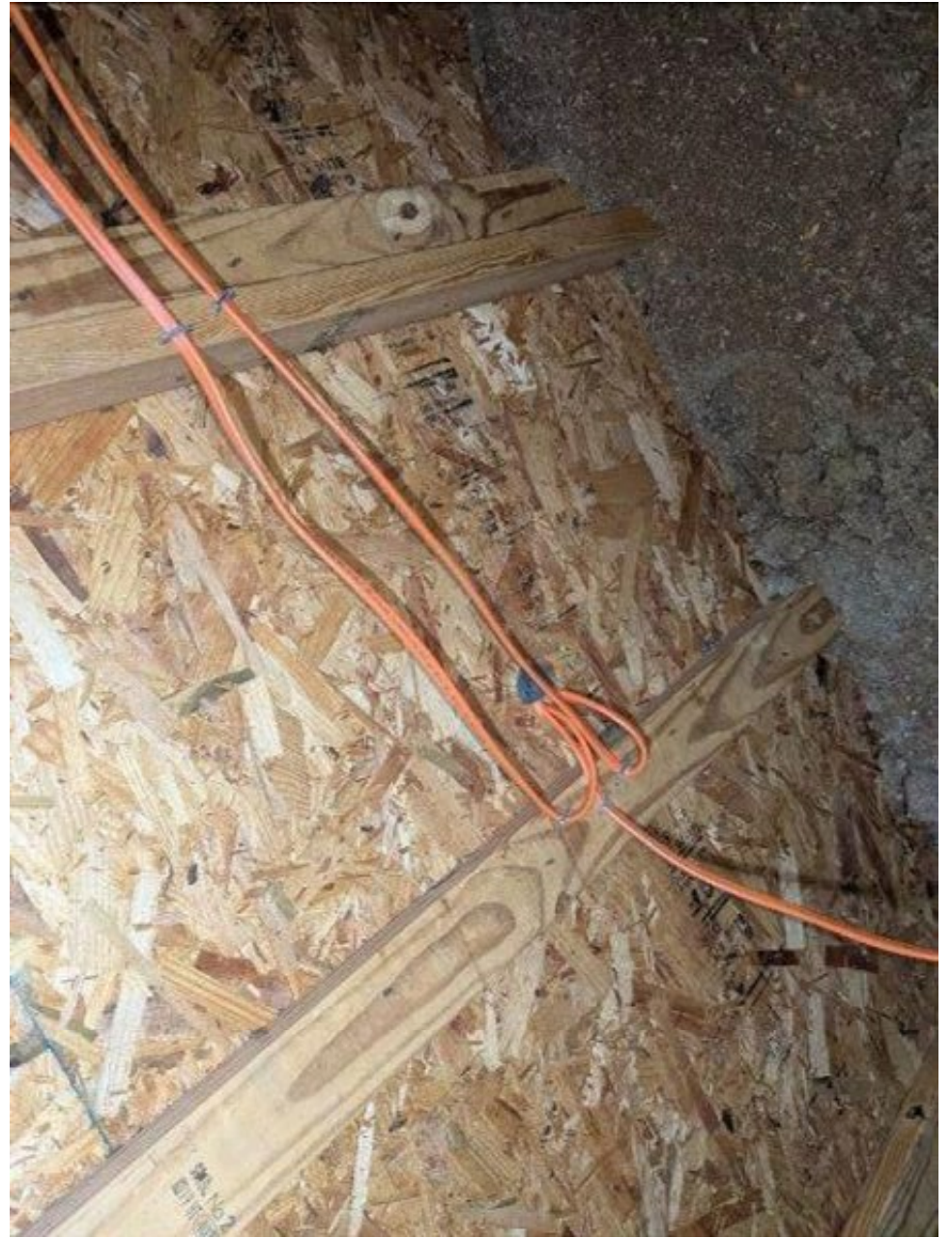


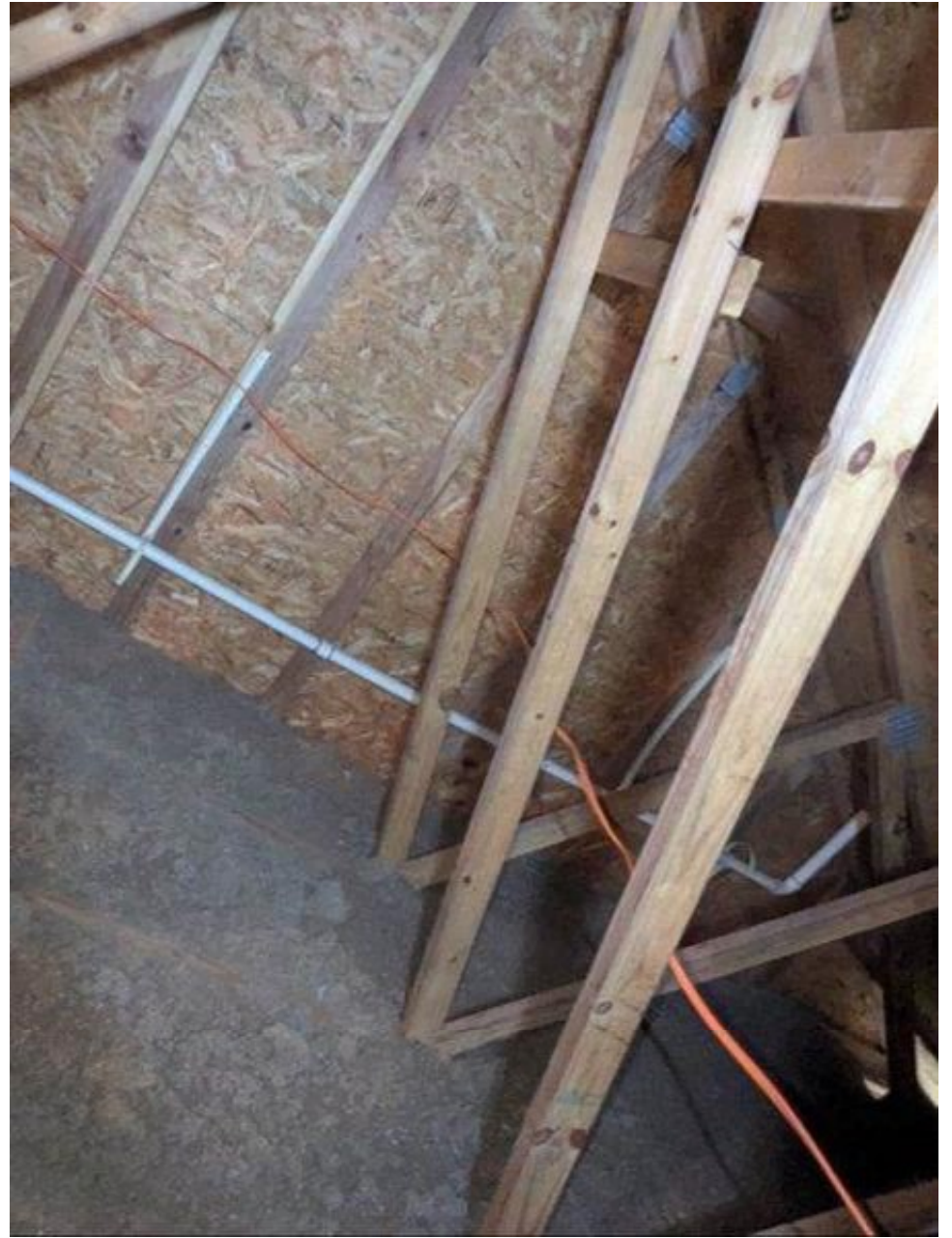






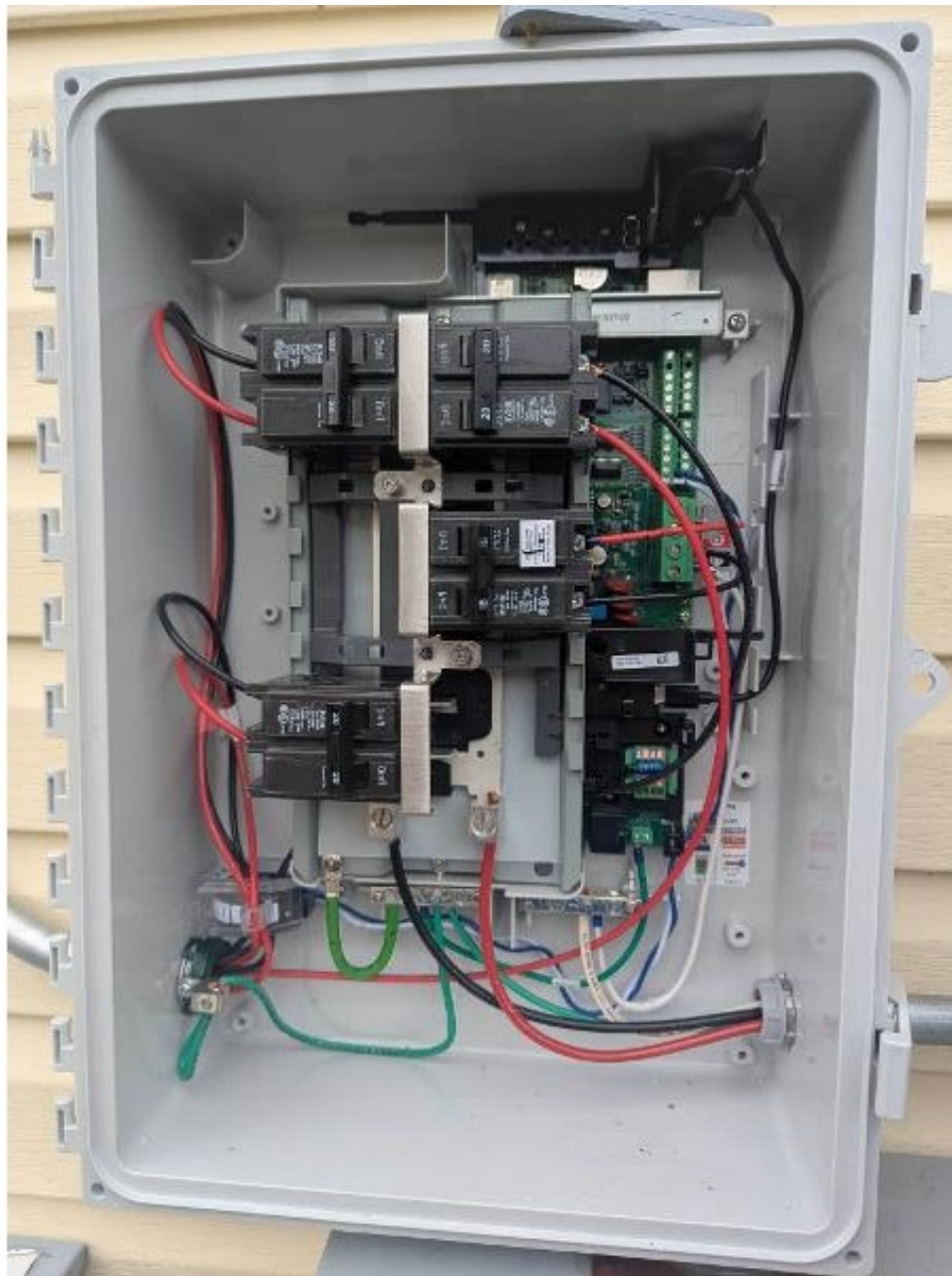












Electrical ratings

NOM

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

202443002375

S/N: 202443002375

P/N: 883-020

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

Connection	Wire sizes		
DG Breaker (1, 2, 3, 4)	14-10 AWG	2.2	
	8 AWG	2.8	
	6-4 AWG	3.0	
60A Circuit Breaker only	4-1/0 AWG	5.0	
IQ Gateway Breaker (5)	14-10 AWG	2.26	
IQ Gateway Power Terminals	14-10 AWG	1.4	
Neutral and ground	Large screw	2-1/0 AWG	5.6
		14-3 AWG	5.1
	Small screw	6 AWG	3.6
		8 AWG	2.6

















