

















 REC Alpha Pure Series REC400AA Pure Serial Number: FBB-4009857730		Phone: +85 5495 9228 www.recgroup.com	
Power Output (Pmax) 400 W Watt Class Sorting 0/+5 W +/- 3 %		Conforms to UL 505, IEC 61726-1-2 Certified to CSA Std. C22.2-M1730-1-2 Intertek 501774	
Power Production Tolerance Rated Voltage (Vmpp) 42.1 V Rated Current (Impp) 9.51 A		    IEC 61215 IEC 61720	
Open Circuit Voltage (Voc) (+/- 3%) 48.8 V Short Circuit Current (Isc) (+/- 3%) 10.25 A Maximum System Voltage (Vsys) 1000 V Maximum Series Fuse (DC) (UL) 25 A Maximum Series Fuse (DC) (IEC) 25 A		Manufactured: 12.02.2022       	
Design Load +4666 / -2666 Pa* Maximum Test Load +7000 / -4000 Pa* (Values at STC: 1000 W/m ² , AM 1.5, cell temp 25 °C)		See installation manual for *) mechanical installation requirements and **) installation requirements to achieve a specified system life class	
<p>Warning electrical hazard. This module produces electricity when exposed to light. CAUTION: DO NOT DISCONNECT UNDER LOAD Avertissement: Risque de choc électrique. Ce module solaire produit de l'électricité lorsqu'il est exposé à la lumière. ATTENTION: NE PAS DECONNECTER SOUS TENSION For field 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. 20 TUAS SOUTH AVENUE 14, SINGAPORE 637312, SINGAPORE EU/Europe Contact: REC Solar EMEA GmbH Eisenstr. 11, 81541 Munich, Germany, Tel: +49 (0)89-442-38590 For other regions see: www.recgroup.com/contact</p>			
			

All LEDs

- Flashing green when software upgrade is in progress.
- Flashing amber when IQ Gateway is booting up.

TOP PV

ENPHASE.

IQ Combiner 4

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

UL
CERTIFIED
SAFETY US CA
SECURITE US CA
E341166

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.

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S/N: 202212149809

883-00356 12 6888

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	14-1/0 AWG	5.0 Nm (45 lb-in)
	6-14 AWG	2.2 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

For IQ-8 Grid Forming System

TO PV































































