











For

**ENPHASE®**  
**IQ Combiner 3 ES**  
 Photovoltaic  
 Combiner Box  
 X-IQ-AM1-240-3-ES

**UL**  
 LISTED  
 CERTIFIED  
 SAFETY CLASS  
 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  
 Use only Eaton BR series Breakers (60A max)

S/N: 202112076694 P/N: 883-00820 11 5293

**Dedicated solar and DG Combiner Box - do not add loads 10 AMP**  
**Envoys Breaker not used for backfeed**

Connection	Wire sizes	Torque
DG Breaker	14-10 AWG 8 AWG 6-4 AWG	2.2 Nm (20 lb-in) 2.8 Nm (25 lb-in) 3.0 Nm (27 lb-in)
60A Circuit Breaker only	4-1/0 AWG	5.0 Nm (45 lb-in)
Neutral and ground	14-1/0 AWG 6-14 AWG	5.0 Nm (45 lb-in) 2.2 Nm (20 lb-in)
Large screw	10-4 AWG	5.0 Nm (45 lb-in)
Small screw	3-2/0 AWG	5.6 Nm (50 lb-in)
Main lug		

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  
 Made in Mexico

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**For IQ-8 Systems**

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