























IQ Combiner 3 ES
Photovoltaic
Combiner Box
X-IQ-AM1-240-3-ES

UL 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
FOR DG BREAKERS USE ONLY EATON BR SERIES

S/N: 202119038468 P/N: 883-00820-15

Dedicated solar and DG Combiner Box - do not add loads. 10 AMP 10 AMP OR 15 AMP ENVOY BREAKER NOT USED FOR BACKFEED

Connection	Wire sizes	Torque
DG Breaker	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)
Neutral and ground		
Large screw	14-1/0 AWG	5.0 Nm (45 lb-in)
Small screw	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 MPPA 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

Cherie Hernandez
81 Farrow Court
Linden, NC 28356, USA

30-90000-207

For IQ-6/7 Systems

For IQ-8 Systems

ENPHASE
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