























GR

**IQ Combiner 5**  
 Photovoltaic  
 Combiner Box  
 X-IQ-AM1-240-5



Scan for QIG

Electrical ratings	NOM	FC
<b>Voltage</b> 240V~, 60Hz		IQ GATEWAY CONTAINS
<b>DG Breakers</b> 80A MAX (combined)		FCC ID: WS2-WG78DBVO
<b>DG Inputs</b> 64A MAX (combined)		IC ID: 10462A-WG78DBVO
<b>Output</b> 65A MAX, 90A MAX feeder OCPD		CTRL BOARD CONTAINS
<b>Temperature</b> 46°C MAX ambient		FCC ID: MQQ-XBEE3
		IC ID: 1846A-XBEE3

  
**202438007471**

P/N:   
**883-00358 52**

S/N:   
**202438007471**

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)
		14-10 AWG	1.4 Nm (12.4 lb-in)
IQ Gateway Power Terminals		2-1/0 AWG	5.6 Nm (50 lb-in)
		14-3 AWG	5.1 Nm (45 lb-in)
		6 AWG	3.6 Nm (32 lb-in)
Neutral and ground	Large screw	8 AWG	2.6 Nm (23 lb-in)
		10-14 AWG	2.3 Nm (20 lb-in)
	Small screw	10-4 AWG	5.0 Nm (45 lb-in)
Main lug		3-2/0 AWG	5.6 Nm (50 lb-in)
		18 AWG	0.2 Nm (1.77 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)

... only, rated min. 75°C  
 ... part 1, and all local codes.

NOTE: CTA 99  
 connected in 9























































