

Envoy Communications Gateway Report

8/7/2020 11:21 AM

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Envoy

Serial Number	Software Version	Type
122015064326	R4.10.35 (6ed292)	IQ Envoy

Production Meter	Consumption Meter
443 Wh Lifetime Energy Status: Normal	Disabled

Connection to Enlighten
Wi-Fi

Microinverters: 21

Grid Profile IEEE 1547 default 2015
applied to 21 IQ-Series Microinverters:

Serial Number	Last Report	Power Output
121946125329	8/7/2020, 11:20 AM	93 W
121947010453	8/7/2020, 11:20 AM	95 W
121947010627	8/7/2020, 11:20 AM	94 W
121947020225	8/7/2020, 11:20 AM	94 W
121947021148	8/7/2020, 11:20 AM	102 W
121947021302	8/7/2020, 11:20 AM	93 W
121947021303	8/7/2020, 11:20 AM	92 W
121947021314	8/7/2020, 11:20 AM	98 W
121947021343	8/7/2020, 11:20 AM	95 W
121947021347	8/7/2020, 11:20 AM	92 W
121947021366	8/7/2020, 11:20 AM	96 W
121947021381	8/7/2020, 11:20 AM	98 W
121947021389	8/7/2020, 11:20 AM	95 W
121947021896	8/7/2020, 11:20 AM	94 W
121947021931	8/7/2020, 11:20 AM	103 W
121947021951	8/7/2020, 11:20 AM	99 W
121947022040	8/7/2020, 11:20 AM	98 W
121947022080	8/7/2020, 11:20 AM	91 W
121947022199	8/7/2020, 11:20 AM	93 W
121947022211	8/7/2020, 11:20 AM	94 W
121947022212	8/7/2020, 11:20 AM	103 W

IEEE 1547 default 2015 Settings

for IQ-Series Microinverters:

Frequency limits

Over frequency disconnect	Magnitude	Time
Limit	60.5 Hz	160 ms

Under frequency disconnect	Magnitude	Time
Limit	59.3 Hz	160 ms

Reconnect

Parameter Name	Value
Anti-islanding reconnect time (long)	305 s

Voltage limits

Over voltage disconnect	Magnitude	Time
Limit (fast)	144.0 V	160 ms
Limit (slow)	132.0 V	1,000 ms

Under voltage disconnect	Magnitude	Time
Limit (fast)	60.0 V	160 ms
Limit (slow)	105.6 V	2,000 ms