

Zigbee Dongle



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Communication to Microinverter	
Communication	Zigbee 2.4 GHz
Maximum Communicating Inverters*	30
Communication to Internet	
Ethernet	10/100M Auto-Sensing, Auto-Negotiation
Wireless	Wlan 802.11 g/n
Wireless Security	WEP, WPA2-PSK
USB Interface	5 VDC - 0.5 A Output
Power Data	
Power Supply	5 V, 2 A
Power Consumption	1.7 W
Product Specifications	
Frequency Range	2,412 - 2,472MHz (WLAN), 2,405 - 2,480MHz (Zigbee)
RF Output Power	(EIRP) 16.6 dBm (WLAN), 9.5 dBm (Zigbee)
Type of Antenna	External Antenna, SMA Type Connector
Modulation	DSSS, OFDM
Mode of Operation (Simplex/Duplex)	Duplex
Mechanical Data	
Dimensions (W × H × D)	4.8 × 3.4 × 0.98"
Weight	0.33 lb
Operating Ambient Temperature Range	-4 °F to 149 °F
Cooling	Natural Convection, No Fans
Enclosure Environmental Rating	Indoor - NEMA 1 (IP20)
Warranty	3 Years
Compliance	ANSI/UL 60950-1, CAN/CSA C22.2 No.60950-1, UL50E, FCC part 15

*Maximum number of microinverters per Zigbee Dongle may vary depending on the PV array size and layout, maximum distance between Zigbee Dongle and microinverters in the array, and obstacles (thick concrete wall, and metallic roof top).