APsystems
ALTENERGY POWER

The global leader in
multi-platform MLPE technology



ZigBee Router

- **Stable wireless encrypted ZigBee**
- **Small size, flexible installation**

PRODUCT FEATURES

The ZigBee router, installed between the inverter and the ECU, undertakes the function of data forwarding. A reasonable choice of installation location can significantly improve the communication quality of the system and extend its communication distance.

Datasheet

Model	ZigBee Router
Communication to Microinverter	
Communication	ZigBee 2.4 GHz
Power Data	
Power Supply	5V, 2A
Power Consumption	1.7 W
Product Specifications	
Frequency Range	2405MHz-2480MHz (ZigBee)
RF Output Power (EIRP)	9.50 dBm (ZigBee)
Type of Antenna	External antenna,SMA type connector
Modulation	OFDM
Mode of Operation(Simplex/Duplex)	Duplex
Mechanical Data	
Dimensions (W×H×D)	122 mm x 87 mm x 25 mm (4.8" x 3.4" x 0.98")
Weight	280g (0.617lbs)
Operating Ambient Temperature Range	-20°C to +65°C (-4°F to +149°F)
Cooling	Natural Convection; No Fans
Enclosure Environmental Rating	Indoor - NEMA 1 (IP20)
Warranty	3 Years Standard
Features	
Function (Optional)	Undertake data relay between the ECU and micro-inverters to improve the system's communication quality.

© All Rights Reserved
Specifications subject to change without notice - please ensure you are using the most recent update found at www.APsystems.com

2025/05/23 Rev1.0