



Leading the Industry in  
**Solar Microinverter Technology**



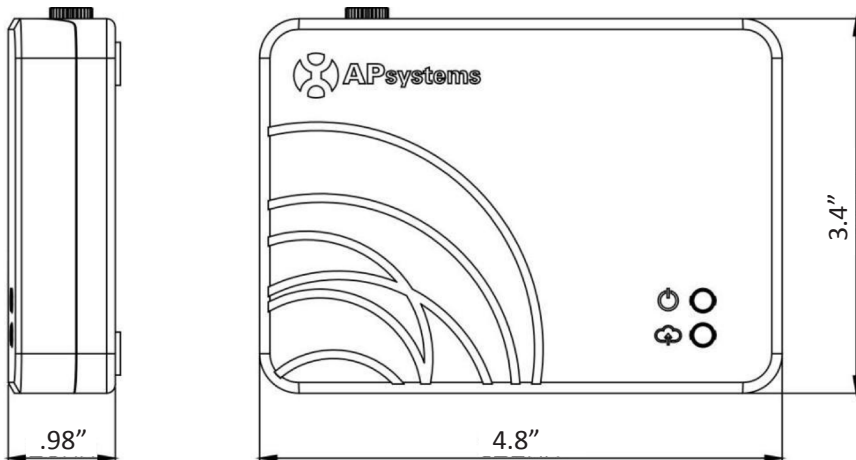
# ECU-R

Energy Communication Unit

- Collection and transmission of inverter data
- Module-level monitoring of each inverter
- Built-in Wi-Fi
- Small size, flexible installation
- ZigBee communication

The APsystems Gateway, our state-of-the-art Energy Communication Unit (ECU), is the information gateway for APsystems inverters. It collects and transfers module performance data giving you comprehensive monitoring and control over each individual module, optimizing the performance of your solar array.

## DIMENSIONS



# APsystems ECU-R Datasheet

## Communication Interface

Integrated Wi-Fi	802.11g/n
Communication	ZigBee 2.4 GHz
Ethernet	10/100 Auto-sensing, Auto-negotiation
Wireless security	WEP, WPA2-PSK
USB interface	Power only 5V-1A

## Power Requirements

Power consumption	1.7 W
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## Mechanical Data

Dimensions (WxHxD)	4.8" x 3.4" x .98" (122mm X 87mm X 25mm)
Weight	.33lbs ( 150g )
Operating ambient temperature range	-4°F to 149°F (-20°C to +65°C)
Cooling	Natural convection, No Fans
Enclosure environmental rating	NEMA 1 (IP20)

## Compliance

Compliance	IEC 60950-1, EN60950-1, IEC 60529, EN 60529, ANSI/UL 60950-1, CAN/CSA C22.2 No.60950-1, UL50E, FCC part 15, EN61000-6-1, EN61000-6-3, ICES-003, AS NZS 60950-1, GB/T17799
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## Warranty

Warranty term	3 years
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Specifications subject to change without notice - please ensure you are using the most recent version found at [APsystems.com](http://APsystems.com)

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