



Leading the Industry in
Solar Microinverter Technology

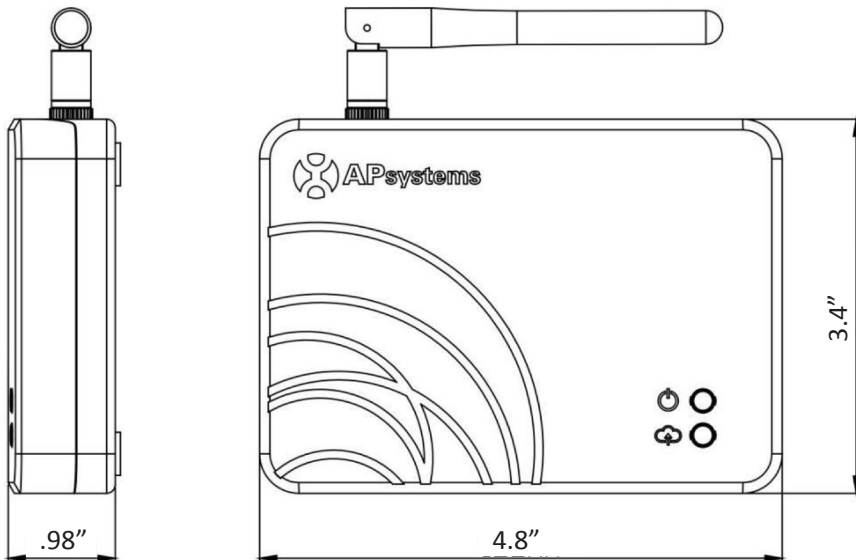


ECU-R

Energy Communication Unit

- Collection and transmission of inverter data
- Real time monitoring of each inverter
- Built-in Wi-Fi
- Small size, flexible installation

DIMENSIONS



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 in real time, giving you comprehensive monitoring and control over each individual module, optimizing the performance of your solar array.

APsystems ECU-R Datasheet

Communication Interface

Integrated Wi-Fi	802.11g/n
Communication	ZigBee 2.4 GHz
Ethernet	10/100
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	Indoor - 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

Standard 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

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