

The global leader in
multi-platform MLPE technology

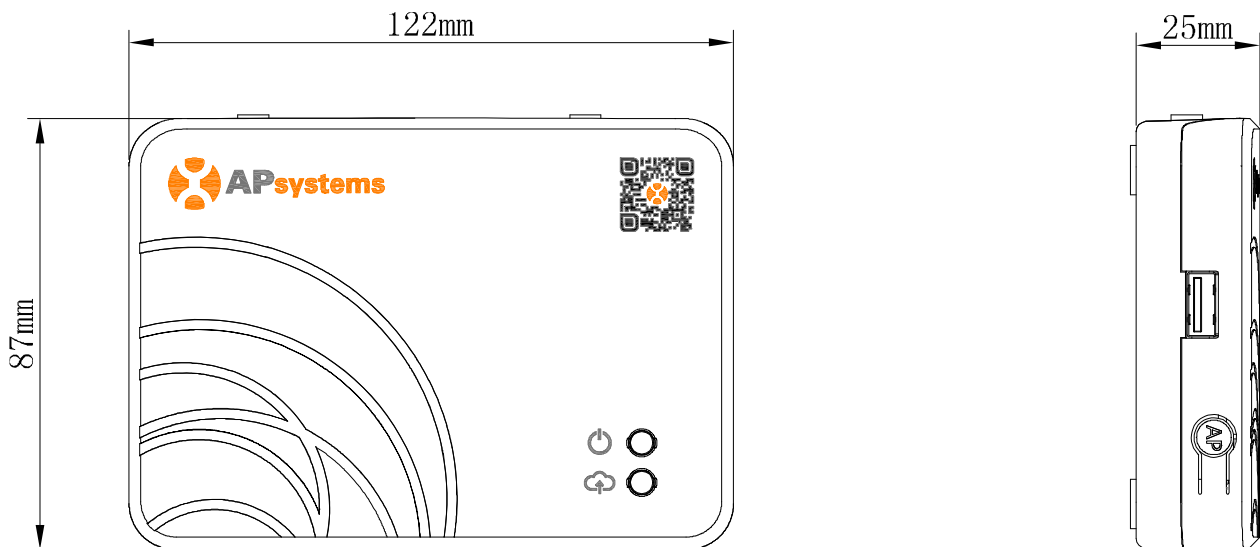


ECU-R

Energy Communication Unit

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

DIMENSIONS



The APsystems Communicator, our state-of-the-art Energy Communication Unit (ECU-R), is the information gateway for our 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.

ECU-R Datasheet

Communication Interface

Integrated Wi-Fi	802.11g/n
Communication	ZigBee 2.4 GHz
Ethernet	10/100M Auto-sensing, Auto-negotiation
Wireless Security	WEP, WPA2-PSK
USB Port (North America ONLY)	4G cellular communication (external APsystems dongle needed)

Power Data

Power Supply	5V, 2A
Power Consumption	1.7 W
Maximum Communicating Inverter Qty(*)	100

Mechanical Data

Dimensions (W×H×D)	4.8" x 3.4" x 0.98" (122 mm x 87 mm x 25 mm)
Weight	0.33lbs (150g)
Ambient Temperature Range	-4°F to +149°F (-20°C to +65°C)
Cooling	Nature Convection; No Fans
Enclosure Environmental Rating	Indoor - NEMA 1 (IP20)

Features

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



Please scan this QR code to download our APPs

or click the link below:
<http://q-r.to/1OrC>



Specifications subject to change without notice - please ensure you are using the most recent update found at latam.APsystems.com

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