

The global leader in
multi-platform MLPE technology

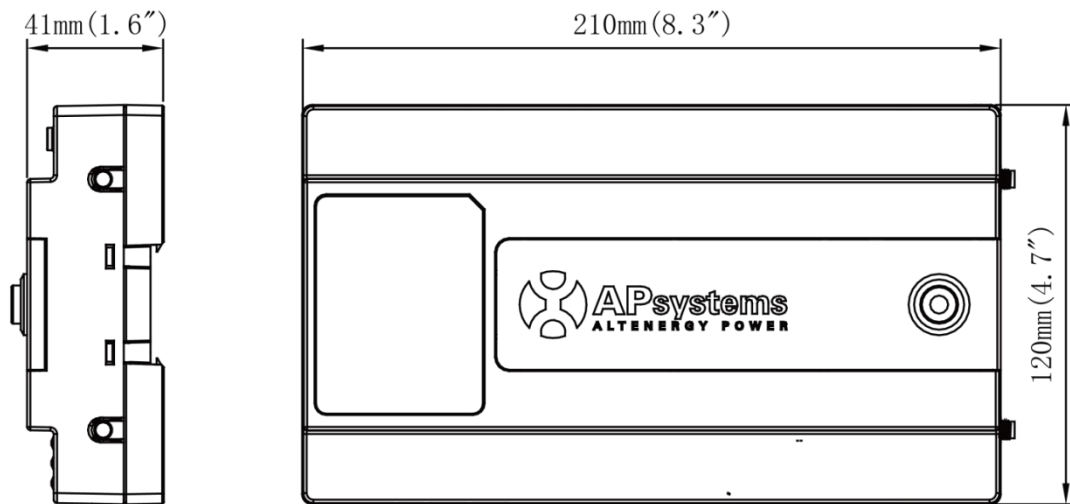


ECU-C

Energy communication unit
with advanced functions

- Electricity data monitoring
- Power grid environment monitoring
- Anti-backflow control
- Relay control
- Built-in WiFi
- Internal meter
- Apply to single phase or three phase system

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

The ECU-C, designed from the ground up for commercial applications, offers advanced functionality for more data-centric installations, with consumption and production monitoring, contact and relay ports, and high-frequency metering.

ECU-C Datasheet

Communication Interface

Communication Method	ZigBee
Ethernet	10/100M Auto-sensing, Auto-negotiation
Integrated Wi-Fi	802.11g/n
USB interface	5Vdc - 0.5A Output x 2
RS232	Standard
RS485	Standard
RJ45	Standard

Power Supply

AC Power Supply	110-277VAC, 50-60Hz Single Phase - (3-Phase Optional)
DC Power Supply	12V-16V
Power Consumption	3W

Mechanical Data

Dimensions (W x H x D)	8.3" x 4.7" x 1.6" (210mm x 120mm x 41mm)
Ambient Temperature Range	-40°F to +149°F (-40°C to +65°C)
Weight	1.1lbs (500g)
Cooling	Nature Convection; No Fans
Enclosure Environmental Rating	Indoor - IP20 (NEMA 1)

Other Features

Maximum Communicating Inverter Qty	120
Grid Type	Single Phase/ Three Phase
Relay Driver	Control external AC contact or relay
Relay Feedback	Get relay signal, could do anti-backflow control, and energy management
Digital Input	For external control device connection
CT Sensor	Production and consumption metering
Meter Accuracy	Integrated PV production metering (+/- 0.5% via CT) and optional consumption monitoring (+/- 2.5% via CT)

Compliance

Compliance	IEC/EN61010-1, EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, 2014/30/EU, EN301489-1/-17, EN62479, EN 300328
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Please use mobile browser to scan the QR codes to download ECU APP :



(Android)



(iOS)



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

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