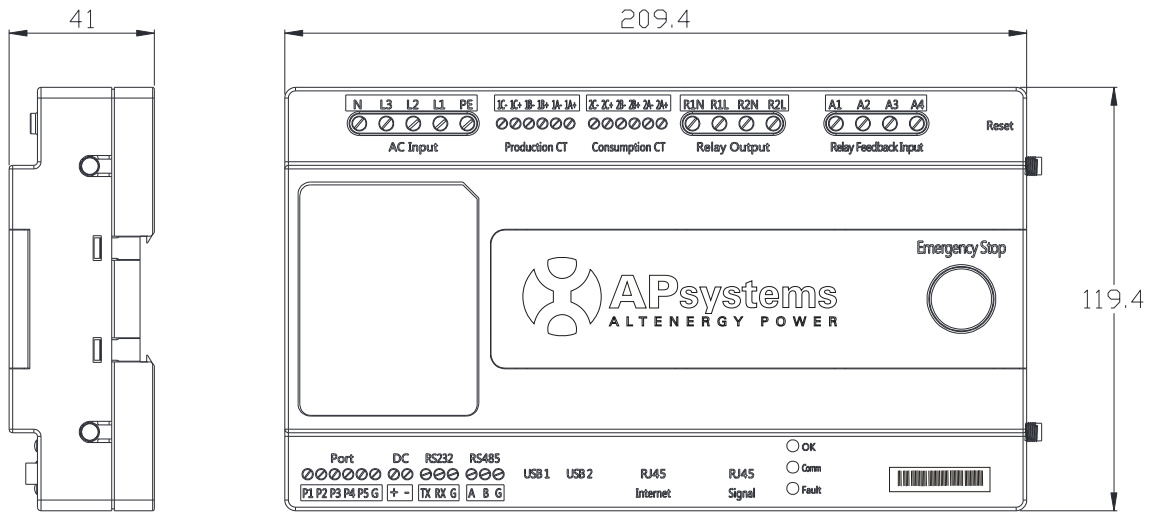


ECU-C

Energy communication unit for commercial system

- Electricity data monitoring
- Power grid environment monitoring
- Anti-backflow control
- Relay control
- Built-in WiFi
- Revenue grade meter
- Rapid shutdown control

DIMENSIONS



ECU-C Datasheet

Model ECU-C

Communication Interface

Communication Method	Zigbee
Ethernet	10/100M Auto-sensing, Auto-negotiation
Integrated Wi-Fi	802.11g/n
USB interface	Standard
RS232	Standard
RS485	Standard
RJ45	Standard

Power Supply

3-Phase Grid Type	190V-420V
Nominal Input Current:	67mA
AC Input	110~240VAC, 50~60Hz
DC Input	12~16V
Power Consumption	3W

Mechanical Data

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

Other Features

Relay Driver	Control the relay, could do anti-backflow control, and energy management
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
Emergency Stop Button	For rapid shutdown control
Revenue grade meter	Integrated revenue grade PV production metering (ANSI C12.20 +/- 0.5%) and optional consumption monitoring (+/- 2.5%)

Compliance

Compliance	IEC/EN61010-1,EN61000-6-1,EN61000-6-3,2014/30/EU,EN61000-6-1,EN61000-6-3,EN301489-1/-17,EN62479,EN 300328
------------	---

© All Rights Reserved

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