



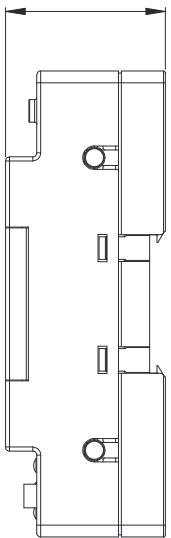
ECU-C

Energy communication unit with advanced functions

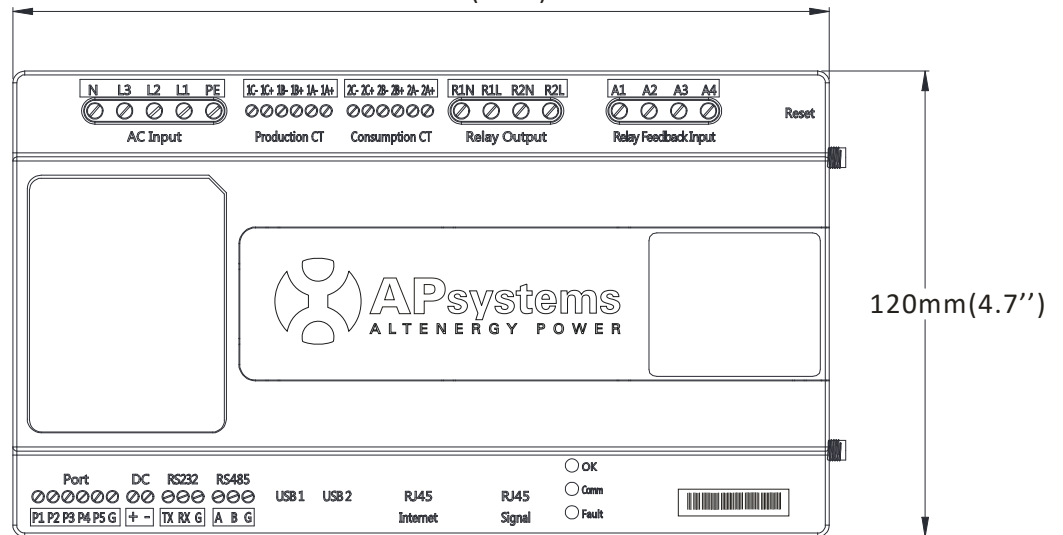
- Electricity data monitoring
- Power grid environment monitoring
- Anti-backflow control
- Relay control
- Built-in WiFi
- Revenue grade meter
- Apply to single phase or three phase system

DIMENSIONS

41mm(1.6'')



210mm(8.3'')



120mm(4.7'')

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	
AC Power Supply	110~277VAC, 50~60Hz Single Phase -(3-Phase Optional)
DC Power Supply	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 - IP20 (NEMA 1)
Other Features	
Grid Split Phase 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

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

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