



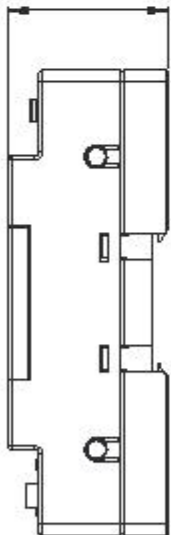
ECU-C

Energy communication unit with advanced functions

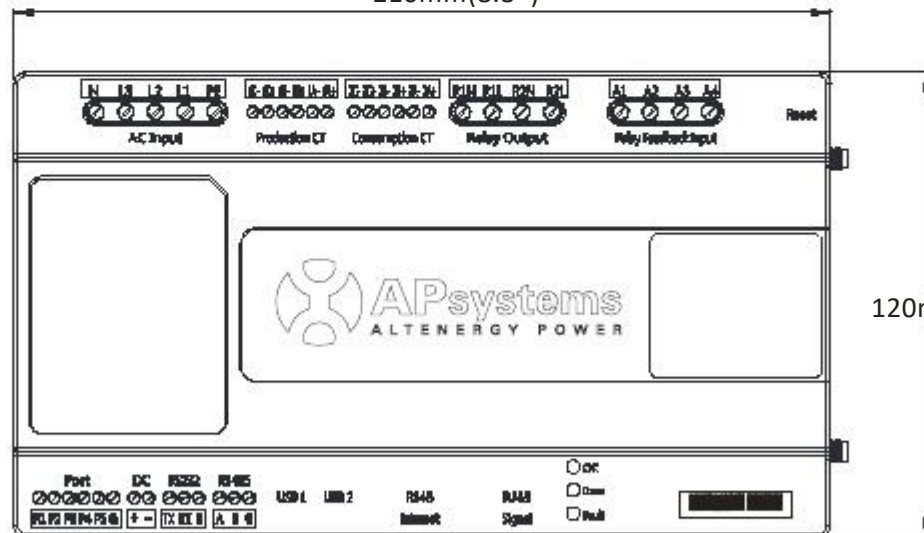
- Electricity data monitoring
- Power grid environment monitoring
- Anti-backflow control
- Built-in WiFi
- Apply to single phase or three phase system

DIMENSIONS

41mm(1.6")



210mm(8.3")



120mm(4.7")

ECU-C Datasheet

Models

ECU-C PLC or ECU-C ZigBee

Communication Interface

Communication Method	ZigBee or PLC
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

Other Features

Grid Split Phase Type	Single Phase/ Three Phase + Neutral
CT Sensor	Production and consumption metering
Meter Accuracy	PV production (+/- 0.5% via CT) and consumption (+/- 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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Specifications subject to change without notice - please ensure you are using the most recent update found at emea.APsystems.com

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