# Home Energy Meter Gen5 technical specifications.

Modified on: Thu, 10 Jun, 2021 at 9:22 PM

This page lists the technical specifications for <u>Home Energy Meter Gen5 (http://aeotec.com/z-wave-home-energy-measure)</u> and form part of the larger <u>Home Energy Meter Gen5 user guide.</u>

(https://aeotec.freshdesk.com/solution/articles/6000161943-home-energy-meter-gen5-user-guide-)

Name: Home Energy Meter Gen5

**Model number:** ZW095 **Product Weight:** 574 g

Total Package Weight: 745 g

**Product Dimensions:** 99 x 66 x 34 mm **Package Dimensions:** 185 x 170 x 65 mm

**UPC /EAN:** 

**US**: 810667023058 **EU 3P4**: 1220000015548 **EU 1P**: 1220000014381

**Beaming:** Yes **Repeating:** Yes

AES128 Security: Yes

**Reactive Power:** 

Yes (1 and 2 phase only)

No (3 Phase)

## **Powering Method:**

US - Plugin

EU - Wire In

### Input (voltage, frequency, max current consumption):

120V~, 60Hz, 20mA (USA version, 2P) 230V~, 50Hz, 10mA (EU version, 1P/3P4) 380V~, 50Hz, 18mA (EU version, 3P3)

**Standby consumption:** < 1.8W.

#### Measure range of voltage:

80V~ to 150V~ (USA version, 2P) 180V~ to 260V~ (EU version, 1P/3P4) 220V~ to 400V~ (EU version, 3P3)

Measure range of current: 0A to 200A.

Measurement Accuracy: Over 99% (if current is greater than 0.05A).

Operating humidity: 8% to 80%.

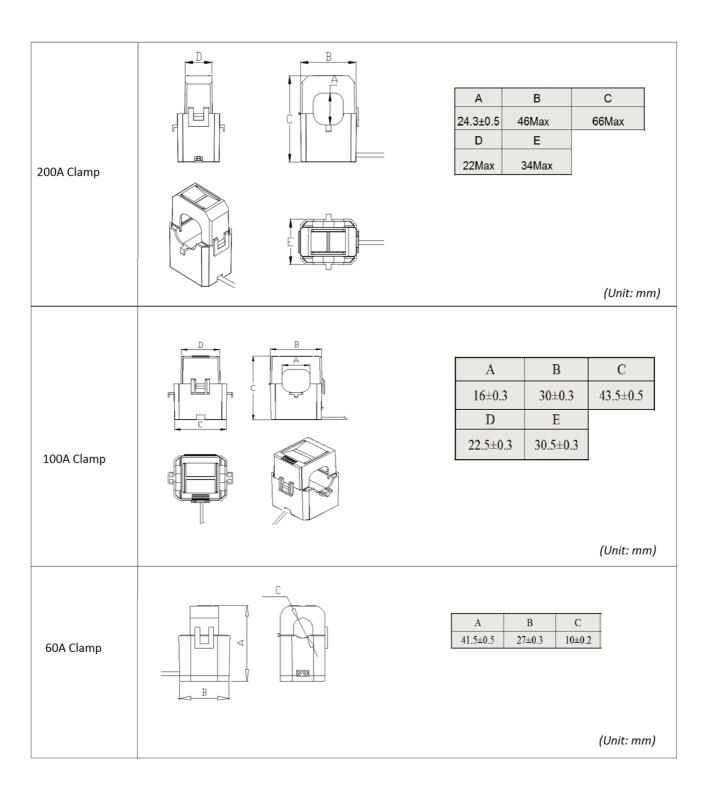
#### Operating temperature:

0°C to 40°C 32°F to 104°F.

### Operating distance:

Up to 427 feet outdoors. Up to 130 metres outdoors.

#### Clamps:



# **Supported Commands.**

	Non-Secure	Secure
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Node Info Frame	COMMAND_CLASS_ZWAVEPLUS_INFO V2 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_METER V4 COMMAND_CLASS_CRC_16_ENCAP V1 COMMAND_CLASS_MULTI_CHANNEL V4 COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION V3 COMMAND_CLASS_CONFIGURATION V1 COMMAND_CLASS_ASSOCIATION_GRP_INFO V1 COMMAND_CLASS_ASSOCIATION V2 COMMAND_CLASS_FIRMWARE_UPDATE_MD V2 COMMAND_CLASS_POWERLEVEL V1 COMMAND_CLASS_SECURITY V1 COMMAND_CLASS_MARK V1 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1	COMMAND_CLASS_ZWAVEPLUS_INFO V2 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_SECURITY V1 COMMAND_CLASS_CRC_16_ENCAP V1 COMMAND_CLASS_MARK V1 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1
Security Command Supported Report Frame		COMMAND_CLASS_VERSION V2 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_METER V4 COMMAND_CLASS_CRC_16_ENCAP V1 COMMAND_CLASS_MULTI_CHANNEL V4 COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION V3 COMMAND_CLASS_CONFIGURATION V1 COMMAND_CLASS_ASSOCIATION_GRP_INFO V1 COMMAND_CLASS_ASSOCIATION V2 COMMAND_CLASS_FIRMWARE_UPDATE_MD V2 COMMAND_CLASS_POWERLEVEL V1

Specifications subject to change without notice due to continuing product improvement.