

Home Energy Meter Gen5 technical specifications.

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

200A Clamp

A	B	C
24.3±0.5	46Max	66Max
D	E	
22Max	34Max	

(Unit: mm)

100A Clamp

A	B	C
16±0.3	30±0.3	43.5±0.5
D	E	
22.5±0.3	30.5±0.3	

(Unit: mm)

60A Clamp

A	B	C
41.5±0.5	27±0.3	10±0.2

(Unit: mm)

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.