Aranet AC Hour Meter

1 Accurately measures operational time for any device connected to the power grid

2 IP67 casing

3 Easy to set up and use

4 Up to 10 years of battery life

aranet

AC hour meter

INPUT
85-265 VAC

Shows precise run time of devices, machines or other equipment. Simple and reliable solution for food industry, poultry, livestock and many other applications.

Sensor performance

Input voltage	85-265 VAC
Input frequency	47-63 Hz
Resolution	1 second
Accuracy	± 2 minutes per month
Surge immunity[1]	2 kV (L-L)
	4 kV (L-GND)

Radio parameters

Line of sight range	3 km (1.9 mi)
Supported ISM bands	EU868, NA915
Transmitter power	14 dBm
Data transmission interval	1, 2, 5 or 10 minutes
Data protection	XXTEA encryption
Compatible base stations	Aranet PRO

General

Ingress Protection code	IP67
Maximum operating temperature range	-40 °C to 55 °C (-40 °F to 131 °F)
Dimensions	130 x 94 x 57 mm (5.1 x 3.7 x 2.2 in)
Weight[2]	250 g (9 oz)
Enclosure material	PC plastic
Included in the box	1 AA alkaline battery

Power — 1 AA battery

Power	1 AA battery	
Type	Alkaline[3]	Lithium[4]
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)
TX interval	Battery lifetime at 20 °C (68 °F)[5]	
1 minute	1.5 years	1.9 years
2 minutes	2.6 years	3.5 years
5 minutes	5.0 years	7.0 years
10 minutes	7.2 years	10+ years

Compliance

CE	Conformité Européenne
IC	Innovation, Science and Economic Development Canada
FCC	Federal Communications Commission (USA)

---

[1] Tested in accordance with EN 61000-4-5:2014 Standard.
[2] Weight with alkaline AA Fujitsu LR6G07 Premium battery.
[3] AA Fujitsu LR6G07 Premium battery used for tests and calculations.
[4] AA Energizer L91 Ultimate Lithium battery used for tests and calculations.
[5] Battery lifetime data has been obtained by mathematical extrapolation and is provided for descriptive purposes only and is not intended to make or imply any guarantee or warranty.