

LR-AG-ECO

LoRa™ Irrigation Controller with Turbine or Solar Panel

Le LR-AG-ECO est un programmeur d'irrigation Bluetooth® et LoRa™ étanche à pile reprenant les caractéristiques du LR-AG. Avec l'option débitmètre intégré, suivez la consommation d'eau et le débit, et soyez alerté en cas de fuite, de sous-débit ou sur-débit. Le débitmètre intégré et le panneau photovoltaïque sont conçus pour recharger la batterie interne du module afin d'étendre l'autonomie de la pile 9V. En association avec une passerelle Wi-Fi ou 4G, il est pilotable à distance avec l'application et plateforme MySOLEM.

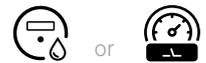
Compatibility



Stations

1/2/4/6

Sensor Input (1)



Power



Connection



Range to gateway

800*m

Managed via



*Up to 800 m range. Coverage may vary depending on installation setup.

INSTALLATION

Rain sensor, pressure switch or water meter with pulse sensor (max.499Hz) connection
Master valve connection
9V pulse solenoid connection
Max. distance LR-AG-ECO to solenoid: 30 m
Operating temperature: 0°C to 50°C

OPERATION

100% waterproof (rated IP68)
9V 6AM6 or 6LR61 alkaline battery
Bluetooth® Smart 4.0 Low Energy Communication using LoRa™ radio signal
Internal clock back-up in case of power failure < 30s

TURBINE OPERATION

Battery recharge and water meter function: > 3 L/min
Operating pressure: min. 1 bar, max. 6 bar
Maximum flow rate: 3.5 m³/h
Minimum flow rate: > 3 L/min

DIMENSIONS

W 14 × H 9 × D 5.5 cm

TUBRINE DIMENSIONS

W 7.4 × H 8.7 × D 8.5 cm
Turbine diameter: Ø 32 mm or 1 inch

3-year
WARRANTY



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Requires a 4G or Wi-Fi gateway



Easy To Install

Quick to install, it requires no cables to be pulled or trenches to be dug. It is easy to use via the MySOLEM app and platform (iOS/Android).



Versatile Programming

Manual control, adjustable watering duration, customizable watering cycles (including cycle/soak) time-slot scheduling, volumetric or millimetric irrigation programming.



Compact Solution

By combining the controller with the turbine, optimise the space in your valve boxes.



Independent Station Scheduling

Control 1 to 6 stations in sequential or parallel mode, taking into account the flow rate of your installation. Thanks to the CLUSTER feature, optimise your water source by programming the valves according to the pump flow rate.



Built-In Flowmeter

Connect the turbine to your controller to monitor your water consumption and flow rate and receive alerts in the event of leaks, under-flow or over-flow.

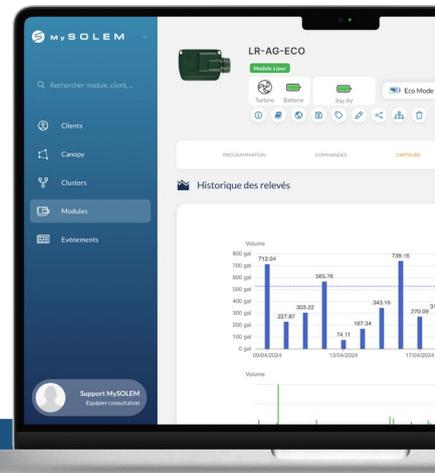


Rechargeable Battery

Use the turbine or photovoltaic panel to recharge your module's internal battery and extend the life of the 9V battery (between 2 and 3 years): save money and protect the planet!



Install. Program. Automate.



For professionals, discover additional features on our free [MySOLEM.com](https://www.mysolem.com) platform.