



LR-IP-ECO KIT

9V Dual Power Irrigation Controller

The LR-IP-ECO is a battery-powered, waterproof Bluetooth® and LoRa™ irrigation controller able to program 9V solenoid valves sequentially. It is ideal for underground installations. It also has a built-in battery that can be recharged by the turbine installed on the pipe, to extend the autonomy of the 9V battery. Thanks to the turbine, you can also measure your daily water consumption and monitor flow and leak risks. In association with a Wi-Fi or 4G gateway, it can be remotely controlled using the MySOLEM application and platform.

Compatibility

9V Electrovalve



ø Turbine : 32mm
ou 1"



Stations

1/2/4/6

Inputs



Power

Rechargeable
Battery
Included



Connection



Range

800^m

Control



*Range may vary depending on the configuration of the installation

INSTALLATION

Rain sensor, rain gauge or
water meter connection
Master valve connection
9V pulse solenoid connection
Max. signal range LR-IP-ECO
to solenoid: 100 ft / 30 m
Operating temperature:
-4 °F to 251 °F / -20°C to 60°C
Turbine ø: 32mm or 1"

OPERATION

100% waterproof (IP68 rated)
9V alkaline battery 6AM6 or 6LR61
Bluetooth® Smart 4.0 Low Energy
LoRa™ radio communication
Internal clock back up in case of power failure < 30 s
Rechargeable Battery and Water Meter Feature >3L/min
Max Authorized Flow Rate: 50L/min
Max. Flow Rate Before Load Current Regulation:
36L/min

DIMENSIONS

Width: 5.51 in / 14 cm
Height: 3.54 in / 9 cm
Depth: 2.16 in / 5,5 cm

3 years

WARRANTY



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Simple & Complete

Easy and fast to install, easy to use via MySOLEM mobile App (iOS / Android) & Platform.



Control your Water Consumption

Follow your water consumption and average flow rate, be alerted in case of under- or over-consumption, under / over flow, and leak risks.



Automatic Water Budget Based On Weather Forecast

Based on weather forecasts and rainfall/drought rules, automatically adjust your watering times with Water Budget.



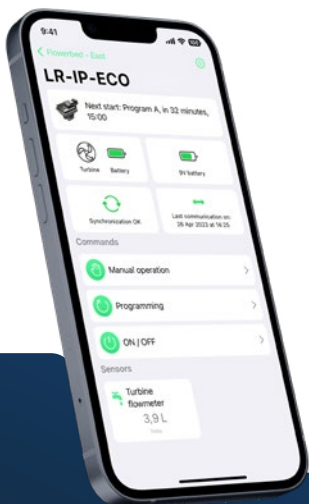
Mini Turbine Generator

Connect the turbine to your controller to recharge the battery of your module and increase the autonomy of its 9V battery (2 to 3 years): a longer life for your batteries, a more sustainable product!



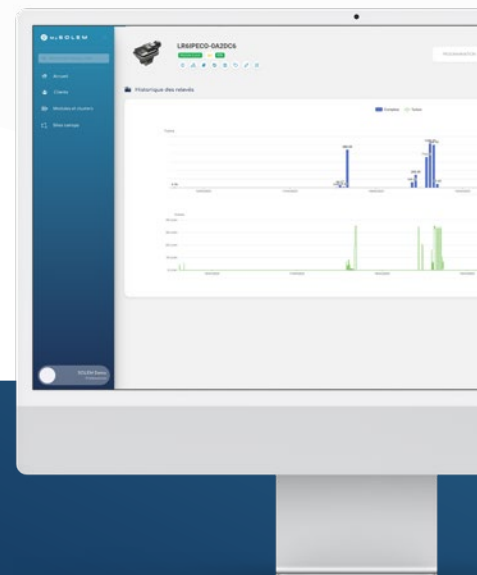
Designed to work with a SOLEM 3G/4G or Wi-Fi gateway

to remotely program your product & use all available features such as automatic Water Budget and water consumption alerts.



MAKE IT SIMPLE

Program your irrigation easily with MySOLEM app.
Free & optimized for most devices.



Irrigation professionals can access up-to-date features on our free internet management platform at **MySOLEM.com**.