



# Spark Irrigation System

smart ferme



## Spark AZ-W

Spark AZ-W includes controller and Spark AZ-END:

- 1) Spark AZ-W Controller:
  - \* Wifi to connect to the Internet
  - \* Control up to 250 Spark AZ-END wirelessly
  - \* Power 220V
- 2) Spark AZ-END:
  - \* Control by cabling up to 4 sectors or solenoid Valves
  - \* Solar Panel
  - \* Battery
  - \* WiFi
  - \* Pylon



# Spark Irrigation System

smart ferme

## Objectives of Spark AZ

From anywhere with safety, using your Smartphone, tablet or PC, you can completely control the irrigation of your farm, garden with adequate of the amount of water and energy.

## Target Market

- \* Small Farm less than 5ha
- \* Gardens of Villas
- \* Nursery
- \* Lawns of Administrative buildings (Public office, Universities, Hospitals)

## Advantages of the solution

- 1) From anywhere and any moment via your Smartphone, you can irrigate:
  - \* Manually by turn on / off the solenoid valves
  - \* Automatically by programmation, ex, every Mondays, Wednesday and Friday, it will start irrigate at 10:00 and finish at 11:00 (day or night)
2. Minimize human error:
  - \* Irrigation at the right time,
  - \* Huge saving of energy and water.
  - \* Huge time saving
3. Use the correct amount of irrigation water according to the type and age of the tree in each area
4. Save energy
5. Minimize the number of workers
6. Automate irrigation time (24/7)
7. Accessible price

## Software

Apps in Smartphone / Tablet /PC



## Spark AZ -12s & 24s

- 1) Spark AZ-12S controller:
  - \* Wifi to connect to the Internet
  - \* Control by cabling up to 12 sectors or valves
  - \* Control the water pump motor
  - \* Power 220V
- 2) Spark AZ-24S controller:
  - \* Wifi to connect to the Internet
  - \* Control by cabling up to 24 sectors or Valves
  - \* Control the water pump motor
  - \* Power 220V