# PRODUCT BRIEF FOR POWERSAFE IRRIGATION CONTROLLER

## TARGET MARKET

* Home gardeners.
* Small commercial horticultural operations over an area of around 2000 square meters.
* Community gardens.

## WHY?

* All commonly available irrigation controllers store settings in volatile memory, which means they are lost if the power fails even for an instant.
* The backup batteries they rely on to overcome this go flat eventually and are often forgotten by the user.
* Stations cannot be programmed independently of one another.
* The user interfaces are not particularly intuitive to use.
* Irrigation settings are based on week days so, at best, you can turn individual station on once a week regardless of the weather.
* For a succulent garden for example, you may only need to water for a short period during the year while the plants are flowering.
* Or in a community garden situation, there may be some times during the year where garden beds are left empty due to crop rotation or out of season reasons.

## KEY FEATURES

* Completely immune to power and battery failures – your settings can not be lost.
* 8 irrigation stations available.
* Stations can be programmed completely independently, with different irrigation times and dates.
* Irrigation programs on each station can be suspended between specified dates, e.g. during wet winters.
* You can irrigate:
  + Every fourth month
  + Every third month
  + Every second month
  + One per month
  + Every 3 weeks
  + Every 2 weeks
  + Once per week
  + Every 6 days
  + Every 5 days
  + Every 4 days
  + Every 3 days
  + Every 2 days
  + Every day
* Monthly and weekly regimes are useful for arid gardens e.g. succulents.
* Up to 12 start times per irrigation date – every 2, 3, 4, 6, 8, 12, 24 hours.