

# GrowSphere™ ONE



## Field Monitoring Unit

GrowSphere™ ONE is a stand-alone monitoring unit that can be connected to a wide range of sensors and collect real-time data from the field, enabling optimal irrigation management.



### / Advanced Features

- Provided with a global SIM card for easy in-field setup
- Analyzed data can be easily transformed into action items
- Compatible with various sensors such as soil moisture, plant, pressure, and flow meters
- Combined with Crop Advisor's advanced Crop Models
- Data is continuously collected, stored, and visualized on the **GrowSphere™** workspace
- Available with three solar panel configurations: integrated, external or none

# /GrowSphere™ ONE - Technical Specifications

## → Type of Inputs

- 3X Analog Input
- 1X Serial Input
- 2X Digital Input

## → Environmental Specifications

- Operating temperature:  
-10°C to 55°C (14°F to 131°F)
- Storage temperature:  
-20°C to 60°C (-4°F to 140°F)
- Air humidity: 0 to 95%

## → Hardware

- Outdoor Installation: IP65 ,  
UV protection
- Standard Compliance:  
CE & FCC.\*
- Power Source:
  - Optional solar panel 5.5 watt  
(external solar panel is  
provided with a 5m  
extension cable)
  - Battery rechargeable li-ion  
pack 3.7V 5200mAh
  - Optional operation via  
external source  
(charging cable is included)

\*Certification in process

Technical Assets

