

DATASHEET · AGRICULTURE & FOOD SCIENCE

Plant Physiology and Ecology Monitoring System.

SKU AGR-0033 Spec v1 Rev. 2026-07-12

DATASHEET · P
AGR-
Rev 2026-07-12
PREVIEW — FIELDS F



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE No
VERIFIED **Spec v1 · 2026-07-12**

PRODUCT SPECIFICATIONS FROM PUBLISHED PROD

OPERATING TEMPERATURE RANGE	- 20 °C to 70 °C	ENCLOSURE WATERPROOF RATING	IP67
BATTERY CAPACITY	20 Ah / 3.7 V polymer lithium	LOCAL DATA CACHE CAPACITY	Approximately 500,000 data po
DATA TRANSMISSION	Wireless GPRS	POSITIONING	Integrated GPS
POWER SUPPLY	Rechargeable lithium battery with standard solar panels	STANDARD SENSORS	Air temperature, relative humidit temperature, fruit dimensional c stem micro-change
OPTIONAL SENSORS	Leaf humidity, light intensity, carbon dioxide, soil moisture, soil temperature, soil electrical conductivity	ALARM FUNCTION	Yes — threshold-based alerts
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS BASE CONFI

QTY	ITEM	SKU
1	Plant Physiology and Ecology Monitoring System	AGR-0033

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

AGR-0033 · DATASH

DATASHEET · AGRICULTURE & FOOD SCIENCE

Plant Physiology and Ecology Monitoring System.

SKU AGR-0033 Spec v1 Rev. 2026-07-12

DATASHEET · P

AGR-

Rev 2026

PREVIEW — FIELDS F

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Plant Physiology and Ecology Monitoring System

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
------	-------------	------------	---------

Cross-reference.

DATASHEET · AGRICULTURE & FOOD SCIENCE

Plant Physiology and Ecology Monitoring System.

SKU AGR-0033 Spec v1 Rev. 2026-07-12

DATASHEET · P

AGR-

Rev 2026

PREVIEW — FIELDS F

OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES

BODY WEIGHT

CHAMBER FIT

Specifications verified against current published product data. **Verified 2026-07-12 · Since 2026-07-12.**

Cite: ConductScience AGR-0033, Spec v1, 2026-07-12. conductscience.com/lab/plant-physiology-and-ecology-monitoring-system

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

AGR-0033 · DATASH