

**NKOSITHANDILEB SOLAR**

# **Automatic Rainfall Station Battery Specifications**



## Overview

---

How does the imet-4200 automatic rainfall station work?

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a GSM/GPRS modem. The ARS is of a very rugged design to allow for operation in extreme climate and weather conditions. The low maintenance design makes long term unattended operations possible.

How does a rain gauge weather station work?

The display can show the real time rainfall value, with time & date. Large-capacity FLASH memory chips can automatically stored at least one year of meteorological data. rain gauge weather station with two types of communication interfaces (RS232 / RS485) to establish communication with the computer.

What is automatic weather station?

AUTOMATIC WEATHER STATION data collected by individual sensors from a site. The system provides a reliable and cost effective means of recording meteorological data. Encardio-rite offers weather system with standard sensors for essential parameters i.e. rainfall, wind velocity, relative humidity and temperature.

What are the features of automatic weather station system data logger?

Rain gage: Tipping bucket type rain gage. The Automatic weather station system data logger itself is housed in weather proof housing. anemometer speed sensor along with direction sensor with dynamically balanced wind vane gives precise wind velocity. Relative humidity & temperature: sensor with Pt 100 for temperature measurement.

## Automatic Rainfall Station Battery Specifications

---

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a GSM/GPRS modem. The ARS is of a very rugged design to allow for operation in extreme climate and weather conditions. The low maintenance design makes long term unattended operations possible.

The display can show the real time rainfall value, with time & date. Large-capacity FLASH memory chips can automatically stored at least one year of meteorological data. rain gauge weather station with two types of communication interfaces (RS232 / RS485) to establish communication with the computer.

AUTOMATIC WEATHER STATION data collected by individual sensors from a site. The system provides a reliable and cost effective means of recording meteorological data. Encardio-rite offers weather system with standard sensors for essential parameters i.e. rainfall, wind velocity, relative humidity and temperature.

Rain gage: Tipping bucket type rain gage. The Automatic weather station system data logger itself is housed in weather proof housing. anemometer speed sensor along with direction sensor with dynamically balanced wind vane gives precise wind velocity. Relative humidity & temperature: sensor with Pt 100 for temperature measurement.

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a GSM/GPRS modem. The ARS is of a ...

What is an automated weather station? An automated weather station is an integrated system of components that are used to measure, record, and ...

The 260-WS-2501 Data Logging Rain Station is a battery-powered rainfall data collection and recording system consisting of a battery-operated event logger with built-in display and an 8 ...

Product Introduction The Automatic Rainfall Monitoring Station is a modern IoT-based rainfall station comprising a rainfall sensor (rain gauge), data transmission device, battery, solar ...

PRECIPITATION SENSOR (TIPPING BUCKET RAIN DATA LOGGER GAUGE) GROUND TEMPERATURE SENSOR SOIL MOISTURE SENSOR CLOUD HEIGHT SENSOR ...

CAWS100 Automatic Rainfall Station has widely launched in several application areas such as meteorology, hydrology, agriculture, and environment protection, etc. ...

Automatic Rain Gauge Station Automatic Rain Gauge Station having the industrial grade micro controller datalogger ensure the reliability, accuracy and continuous performance ...

Standard sensors used in the Encardio-rite model EAWS-101 weather station are briefly outlined below: Rain gage: Tipping bucket type rain gage. The Automatic weather ...

Over time, the rain gauges are replaced or supplemented with automatic rain gauges, thus variation in rainfall intensity can also be recorded. In the automatic rain gauge, ...

CDY-18B Automatic Rainfall Station is used to measure and record the rainfall information. The display can show the real time rainfall value, with time & date. Large-capacity ...

An automatic rainfall weather station gives accurate data to help farmers track weather patterns in real-time. This is very important ...

Automated weather stations aren't just a toy for weather bloggers and enthusiasts. In fact, automatic weather stations are at the core of many critical functions for organizations both big ...

automatic weather station with integrated rain gauge plays a key role in modern meteorological observation with its high precision, high ...

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a GSM/GPRS modem. The ...

A battery-powered rainfall data collection and recording system that includes a HOBO Pendant Event data logger integrated into a tipping-bucket rain ...

Automatic Rain Gauge Station having the industrial grade micro controller datalogger ensure the reliability, accuracy and continuous performance in ...

1 GSM modem for connection to computer base station for receipt of transmitted signals from remote sensors Measuring equipment for Automatic water level recording stations with Data ...

The unit consists of a tipping bucket rain gauge mounted on a 2" pipe and a stainless steel enclosure that encloses a data logger, a GSM / GPRS modem and a 12VDC battery. Battery ...

The Contractor will provide 1 automatic precipitation station for remote locations fully equipped with GSM/GPRS transmission facilities, rechargeable batteries and appropriate solar panels.

automatic weather station with integrated rain gauge plays a key role in modern

meteorological observation with its high precision, high reliability and intelligent features. It ...

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a ...

The 260-WS-2501 Data Logging Rain Station is a battery-powered rainfall data collection and recording system consisting of a battery-operated ...

Automatic Rain Gauge Automatic Rain Gauge is a type of instrument used mainly by meteorologists and hydrologists to measure the rain precipitation over a set time. Our offered ...

## Contact Us

---

For catalog requests, pricing, or partnerships, please contact:

### **NKOSITHANDILEB SOLAR**

Phone: +27-11-934-5771

Email: [info@nkosithandileb.co.za](mailto:info@nkosithandileb.co.za)

Website: <https://nkosithandileb.co.za>

*Scan QR code to visit our website:*

