



DATA ACQUISITION SYSTEM

DAS-5

DAS-5 (Data Acquisition System) contains a Campbell Scientific CR800, an SAA232-5, and other components required to automate data collection for up to five ShapeArrays.

DAS-5 includes:

Logger Enclosure

SAA232-5

SAA232-PC Cable

Charge Regulator

50W Solar Panel and Mounting Bracket

Battery Enclosure

Campbell Scientific CR800 data logger

Logger-PC Cable

Wiring and Back Panel

All components are housed within a watertight NEMA 4-rated enclosure.

SPECIFICATIONS



LOGGER ENCLOSURE

ENCLOSURE NEMA 4 Enclosure

INTERNAL COMPONENTS

COMPONENTS SAA232-5, DIN Rail Power Terminals

LOGGER Cambell Scientific CR800 Data Logger

POWER SYSTEM

SOLAR PANEL 50 W Solar Panel and Mounting Bracket, 5 kg (10 lbs), 900mm x 600mm x 125mm (36" x 24" x 5")

RECOMMENDED BATTERY¹ 12V, 100Ahr Max Non-Spillable, Absorbed Glass Mat (AGM), Deep Cycle Lead Acid Battery

PHYSICAL PROPERTIES

DIMENSIONS 500 mm x 400 mm x 250 mm (20" x 16" x 10")

WEIGHT 18 kg (40 lbs)

SPECIFICATIONS



BATTERY ENCLOSURE

ENCLOSURE

NEMA 3R 400mm x 400mm x 250mm (16" x 16" x 10")

INTERNAL COMPONENTS

COMPONENTS

SunSaver SS-10-12V Solar Charge Regulator

PHYSICAL PROPERTIES

DIMENSIONS

400 mm x 400 mm x 250 mm (16" x 16" x 10")

WEIGHT

11 kg (24 lbs)

ACCESSORIES

Logger-PC Cable

SAA232-PC Cable

¹ Battery not supplied by manufacturer.

NOTES

