



# 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 weatherproof NEMA 4-rated enclosure.

# SPECIFICATIONS



## LOGGER ENCLOSURE

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ENCLOSURE NEMA 4 Enclosure

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## INTERNAL COMPONENTS

COMPONENTS SAA232-5, DIN Rail Power Terminals

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LOGGER Cambell Scientific CR800 Data Logger

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## 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")

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RECOMMENDED BATTERY<sup>1</sup> 12V, 100Ahr Max Non-Spillable, Absorbed Glass Mat (AGM), Deep Cycle Lead Acid Battery

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## PHYSICAL PROPERTIES

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

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WEIGHT 18 kg (40 lbs)

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# SPECIFICATIONS



## BATTERY ENCLOSURE

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### ENCLOSURE

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

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## INTERNAL COMPONENTS

### COMPONENTS

SunSaver SS-10-12V Solar Charge Regulator

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## PHYSICAL PROPERTIES

### DIMENSIONS

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

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### WEIGHT

11 kg (24 lbs)

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## ACCESSORIES

Logger-PC Cable

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SAA232-PC Cable

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<sup>1</sup> Battery not supplied by manufacturer.

# NOTES

