



Energy Analysis
Energy Reduction
Energy Audits

Fault Finding
Renewable Testing
Solar Auditing

Voltage Optimisation
Voltage Analysis
Photovoltaic Logging

Load Checking
Current Analysis
Industrial Logging

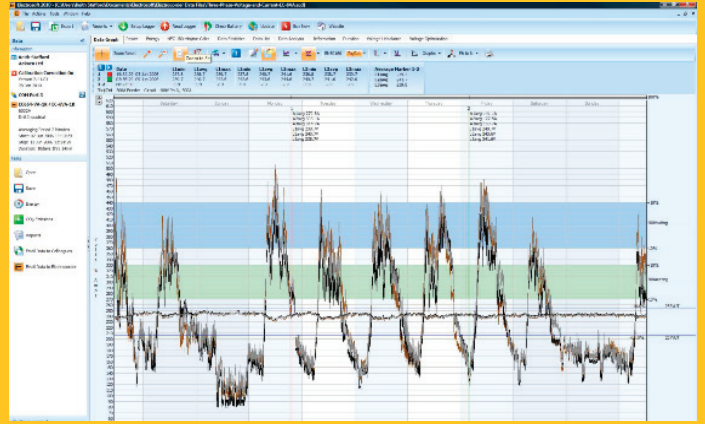
AC Voltage
AC Current
Power Factor

DC Voltage
DC Current
Solar Irradiance

SOFTWARE

E ELECTROSOFT

Full functionality software supplied free with all loggers.

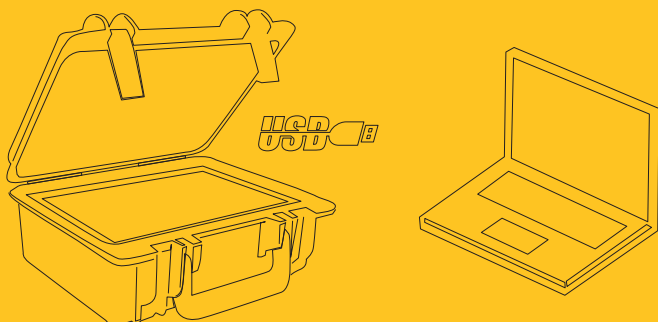


THE ELECTRORECORDER IS RENOWNED WORLDWIDE.

Electrocorders have been helping users in industry since 1995. Their ease of use, reliability and high quality software has set them apart from the competition.

We have continued to develop the range as well as enhance the existing products, adapting to the emerging markets of Energy Auditing, Renewable Energy especially Solar Photovoltaic (PV).

ELECTRORECORDER
Robust and Reliable.



All Electrocorders use USB or Serial (RS232) communications, they can be downloaded at any time during the logging cycle. Software is included for data analysis.

POWER/ENERGY and APPLIANCE LOGGERS

Our range of voltage and current loggers allow users to record energy usage over time.

These loggers can help determine load related problems, for example are voltage levels related to load current.

Our Electrosoft software, which is supplied free with all loggers, will calculate the energy costs over the recording period and it will also extrapolate this data to calculate the costs per week, month, quarter and per annum.

A range of loggers to record the energy consumption of electrical appliances such as domestic, office or laboratory equipment.

Our Electrosoft software, which is supplied free with all loggers, will calculate the energy costs over the recording period it will also extrapolate this data to calculate the costs per week, month, quarter and per annum.

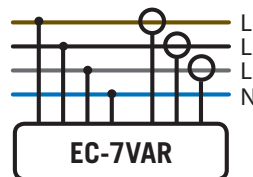
AC Voltage, Current & Cos ϕ (VAR)

Model: **EC-7VAR**

Three voltage channels 500Vac

Three current channels 400A, 1kA, 2kA or 3kAac

Power Factor (Cos ϕ), available as IP65/NEMA 12/4



IP65/
NEMA 12/4
available

AC Voltage and Current (VA)

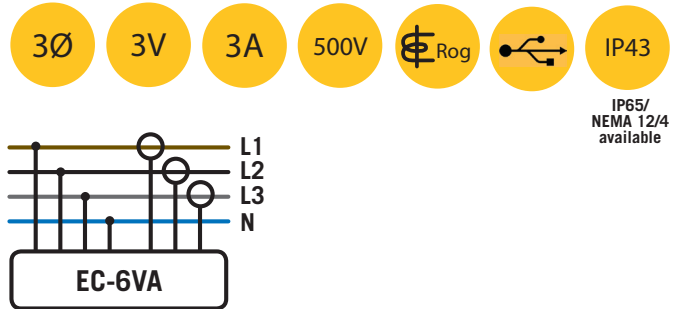


Model: **EC-6VA**

Three voltage channels 500Vac

Three current channels 400A, 1kA, 2kA or 3kAac

Available as IP65/NEMA 12/4



AC Voltage and Current (VA)

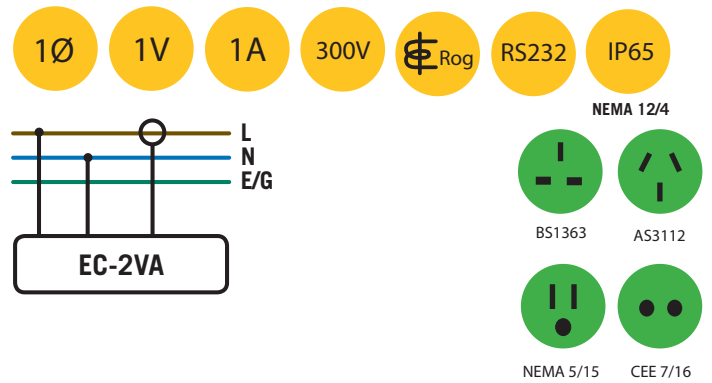


Model: **EC-2VA**

One voltage channel 300Vac

One current channel 300Aac

Sealed to IP65/NEMA 12/4 as standard



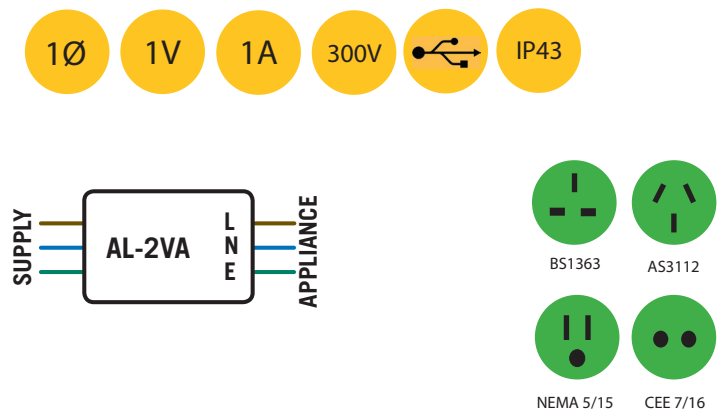
AC Voltage and Current (VA)



Model: **AL-2VA**

One voltage channel 300Vac

One current channel 16Aac



AC VOLTAGE LOGGERS

Voltage loggers are designed to allow users to record voltage levels on single and three phase systems.

These loggers enable you to determine whether voltage level problems exist on supplies to items of equipment.

The ElectroCorder range are extensively used in Voltage optimisation analyses, pre and post installation of voltage optimisation equipment.

They are also typically used in the monitoring of industrial, light commercial and domestic premises.

AC Voltage 3Ø

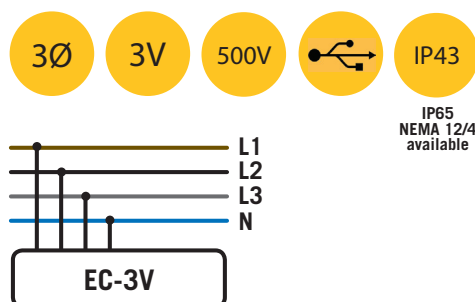


Model: **EC-3V**

Three phase; 500Vac (L1, L2 & L3 to Neutral)

With phase rotation checker

Available as IP65/NEMA 12/4



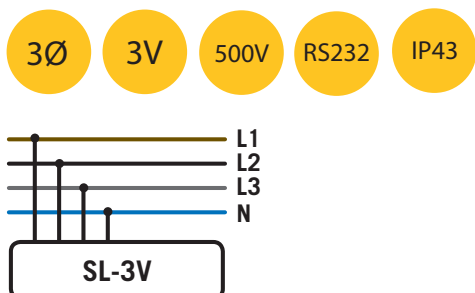
AC Voltage 3Ø



Model: **SL-3V**

Three phase; 500Vac (L1, L2 & L3 to Neutral)

145x89x45mm (6"x4"x2")



AC Voltage 2Ø



Model: EC-2V

Two Phase 300Vac, 2 channels

Live/Hot to Neutral and Earth/Ground to Neutral

Sealed to IP65/NEMA 12/4 as standard

2Ø

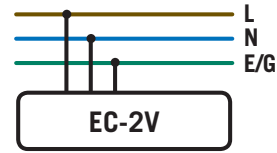
2V

300V

RS232

IP65

NEMA 12/4



BS1363

AS3112



NEMA 5/15

CEE 7/16

AC Voltage 1Ø



Model: EC-1V

Single Phase 300Vac (Live/Hot to Neutral)

Sealed to IP65/NEMA 12/4 as standard

1Ø

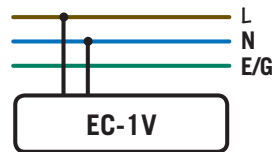
1V

300V

RS232

IP65

NEMA 12/4



BS1363

AS3112



NEMA 5/15

CEE 7/16

AC Voltage 1Ø



Model: LS-1V Interruption Logger

Single Phase 300Vac (Live/Hot to Neutral)

Sealed to IP65/NEMA 12/4 as standard

1Ø

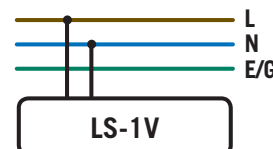
1V

300V

RS232

IP65

NEMA 12/4



BS1363

AS3112



NEMA 5/15

CEE 7/16

DC & RENEWABLE ENERGY LOGGERS

A range of loggers designed to record DC Voltage, DC Current & Solar Irradiance, with applications in renewable energy and industrial systems.

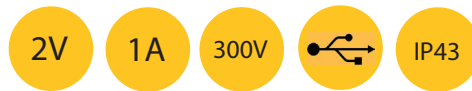
DC Voltage and Current



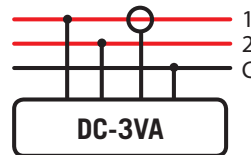
Model: **DC-3VA**

Two DC voltage channels; 300Vdc

One DC current channel; bidirectional 10/100A dc



IP65
NEMA 12/4
available



DC Voltage



Model: **DC-3V-60**

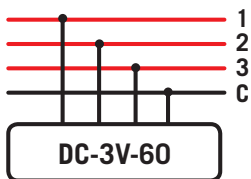
Three Channels; 60Vdc (D1, D2 & D3 to Common)

Available as IP65/NEMA 12/4

Can be used for current logging with appropriate transducer



IP65
NEMA 12/4
available



DC Current

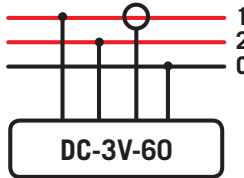
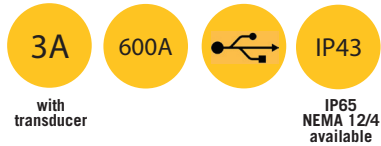


Model: **DC-3V-60**

Three Channel; 0-600A dc (transducer dependent)

D1, D2 & D3 to Common

Available as IP65/NEMA 12/4



Irradiance, DC Voltage & Current

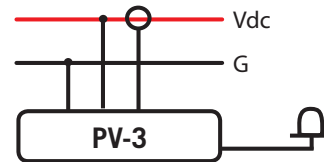


Model: **PV-3**

Single channel solar irradiance, 0-1500W·m⁻²

One DC channel voltage to 300Vdc

One DC current channel; bidirectional 10A/100A dc



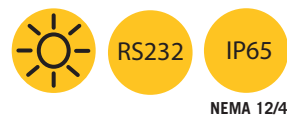
Solar Irradiance



Model: **SR-1R**

Single channel solar irradiance, 0-1500W·m⁻²

Sealed to IP65/NEMA 12/4 as standard



AC CURRENT LOGGERS

Our current Loggers let you log the loading on equipment and in turn help you determine whether they are taking current in excess of their ratings, whether current feeders, substation bus-bars, transformers and distribution panels have sufficient capacity to allow for expansion and if they can be running close to ratings.

All current models come complete with Rogowski input coils or AC Current Transformers (CT's) as appropriate.

All our loggers are supplied with Electrosoft software which helps you graph and analyse the results.

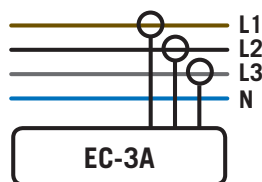
AC Current 3Ø



Model: **EC-3A**

Three phase; 400A, 1kA, 2kA or 3kAac

Sealed to IP65/NEMA 12/4 as standard



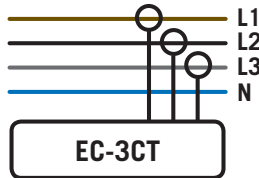
AC Current 3Ø



Model: **EC-3CT**

Three phase, 30A, 60A or 300Aac (300A max input)

Available as IP65/NEMA 12/4



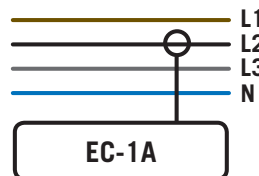
AC Current 1Ø



Model: **EC-1A**

Single phase; 400A, 1kA, 2kA or 3kAac

Sealed to IP65/NEMA 12/4 as standard



AC Current 1Ø

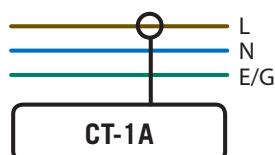


Model: **CT-1A**

One current channel; 10A, 50A or 100Aac

Can be used for earth leakage recording

Sealed to IP65/NEMA 12/4 as standard



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