



Energy Analysis  
Energy Reduction  
Energy Audits

Fault Finding  
Renewable Testing

Voltage Optimisation  
Voltage Analysis

Load Checking  
Current Analysis  
Industrial Logging

Voltage & Current  
AC Voltage  
AC Current

DC Voltage  
DC Current



# THE ELECTRORECORDER IS RENOWNED WORLDWIDE.

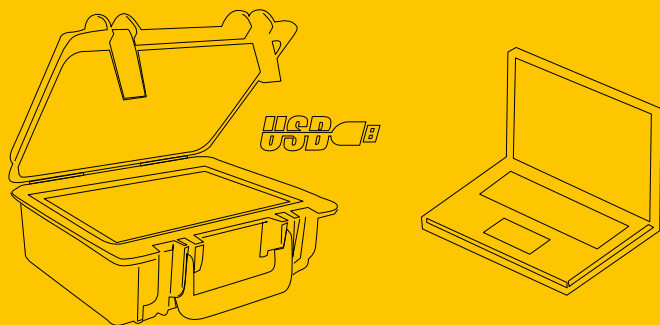
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Electrorecorders have been helping users in industry since 1995. Their ease of use, reliability and high quality software has set them apart from the competition.

We have continued to develop the range as well as enhance the existing products, adapting to the emerging markets of Energy Auditing and Renewable Energy.

## **ELECTRORECORDER**

Robust and Reliable.



All Electrorecorders use USB or Serial (RS232) communications, they can be downloaded at any time during the logging cycle.

# POWER/ENERGY LOGGERS

## (VOLTAGE & CURRENT LOGGERS)

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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 it will also extrapolate this data to calculate the costs per week, month, quarter and per annum.

## AC Voltage and Current (VA)



Model: **EC-6VA**

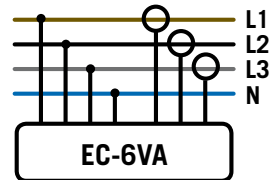
Three voltage channels 500Vac

Three current channels 300A, 1kA, 2kA or 3kAac.

Available as IP65/NEMA 12/4



IP65/  
NEMA 12/4  
available



## AC Voltage and Current (VA)

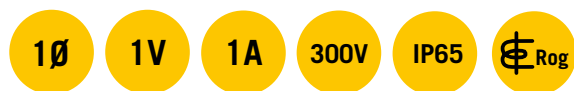


Model: **EC-2VA**

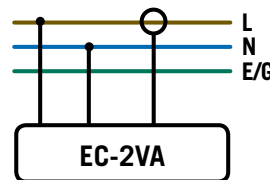
One voltage channel 300Vac

One current channel 500Aac.

Sealed to IP65/NEMA 12/4 as standard



NEMA 12/4



# APPLIANCE LOGGERS

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

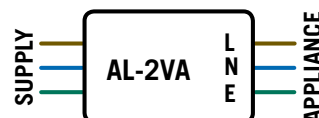
Our Electrosoft software, which is supplied free with all loggers, will calculate the energy costs over the recording period it will also extrapolate this data to calculate the costs per week, month, quarter and per annum.

## AC Voltage and Current (VA)

Model: **AL-2VA**

One voltage channel 300Vac

One current channel 16Aac.



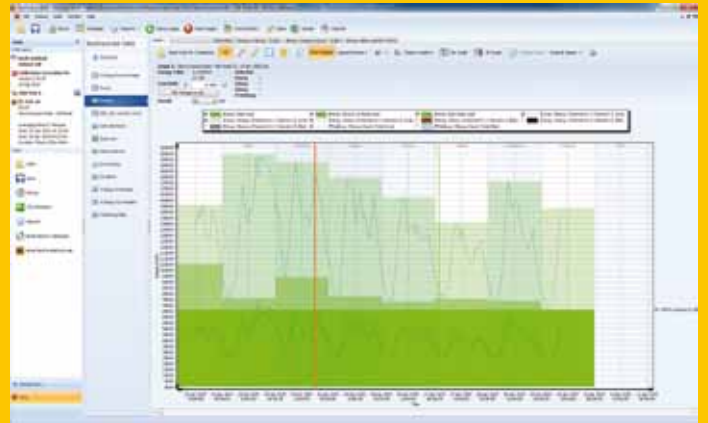
# ELECTROSOFT SOFTWARE

## **E** ELECTROSOFT

Software is free with all loggers.

## **E** ELECTROPLUS

Added functionality for use with all loggers



# 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, e.g. motors, pumps, rectifiers, current feeders, substation busbars, transformers, distribution panels, etc...

The Electrorecorder 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

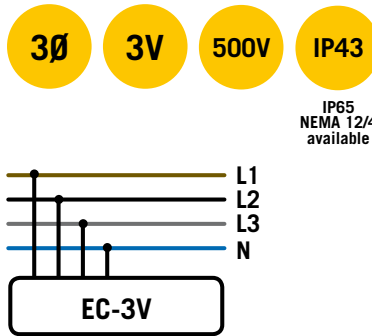
Model: **EC-3V**

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

With phase rotation checker

250x175x70mm (10"x7"x3")

Available as IP65/NEMA 12/4



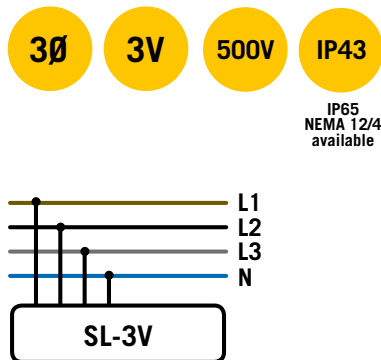
## AC Voltage 3Ø

Model: **SL-3V**

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

145x89x45mm (6"x4"x2")

Available as IP65/NEMA 12/4



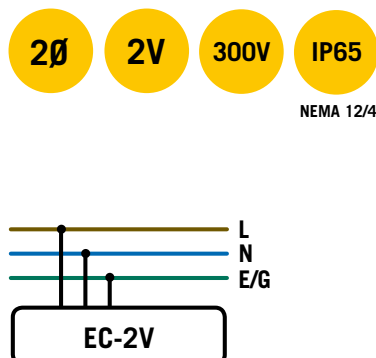
## AC Voltage 2Ø

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

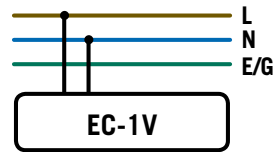
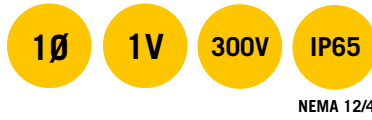


## AC Voltage 1Ø

Model: **EC-1V**

Single Phase 300Vac (Live/Hot to Neutral)

Sealed to IP65/NEMA 12/4 as standard

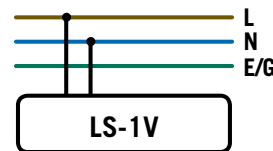
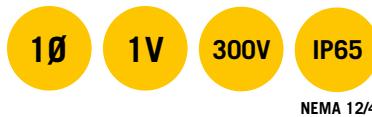


## AC Voltage 1Ø

Model: **LS-1V Interruption Logger**

Single Phase 300Vac (Live/Hot to Neutral)

Sealed to IP65/NEMA 12/4 as standard



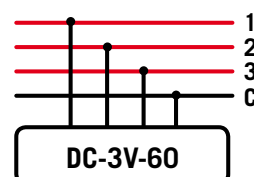
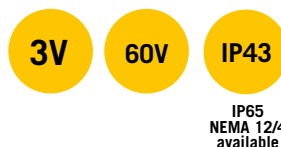
## DC Voltage

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

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

Available as IP65/NEMA 12/4

The DC-3V can be used to record DC currents when used with the appropriate DC current transducers.



# 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; 300A, 1kA, 2kA or 3kAac.

Sealed to IP65/NEMA 12/4 as standard

3Ø

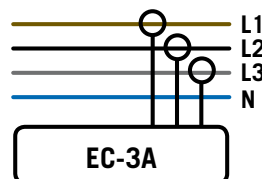
3A

1000V  
CAT III

Rog

IP65

NEMA 12/4



## AC Current 3Ø



Model: **EC-3CT**

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

Available as IP65/NEMA 12/4



IP65  
NEMA 12/4  
available



EC-3CT

## AC Current 1Ø



Model: **EC-1A**

Single phase; many ranges from 0.1A to 10kA.

Sealed to IP65/NEMA 12/4 as standard



NEMA 12/4



EC-1A

## DC Current



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

Three Channel; 0-600Adc (transducer dependent)

D1, D2 & D3 to Common

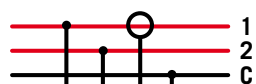
Available as IP65/NEMA 12/4

The DC-3V can be used to record DC currents when used with the appropriate DC current transducers.



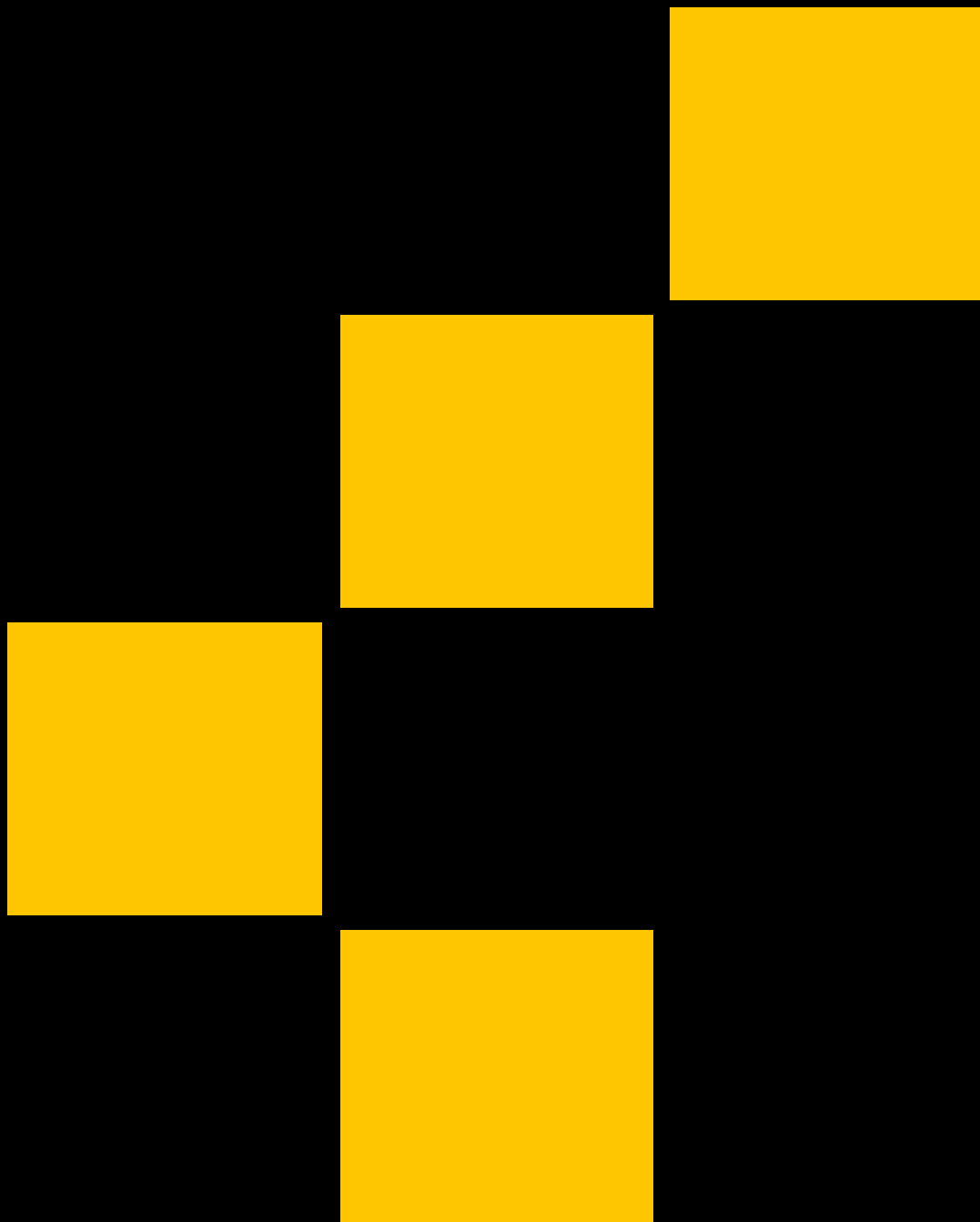
with  
transducer

IP65  
NEMA 12/4  
available



DC-3V-60

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