

Voltage Quality and Power loggers by Electrocorder

Power Quality Thailand LTD
Master distributor Asia

Products include

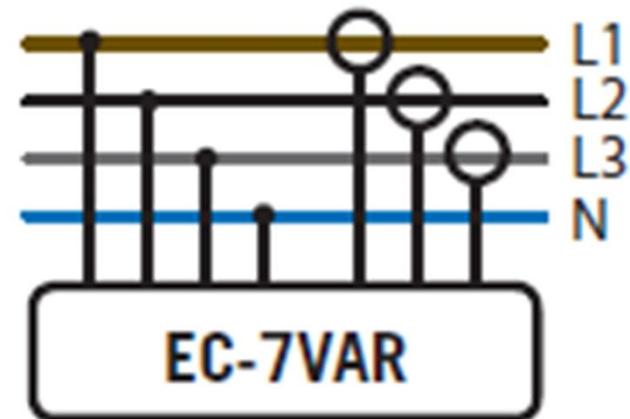
- AC Voltage Quality Loggers (single and 3 phase)
- AC Load (current loggers)
- Power Loggers
- DC voltage and current loggers
- Solar array loggers
- Software to manage the logger inventory, download data and prepare report
- Optional DV6 software to analyze data and prepare comprehensive reports

What makes these products unique?

- All Electroorder dataloggers are true Voltage Quality loggers because they measure every cycle! (competitive products measure about 10% of the cycles)
- Electroorder software provides asset management capability to manage the movement of the loggers to and from customers
- Electroorder software now provides data compatible with Dranetz DV6 software for advanced data analysis.

Model: **EC-7VAR**

AC Voltage, Current & Cos ϕ (VAR)



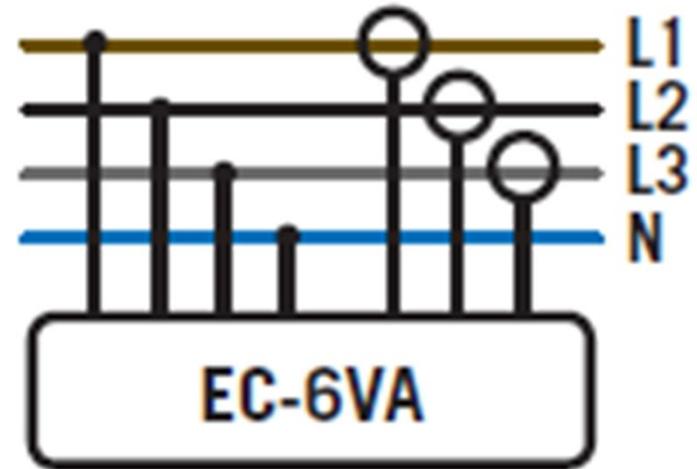
Three voltage channels up to 500Vac

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

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

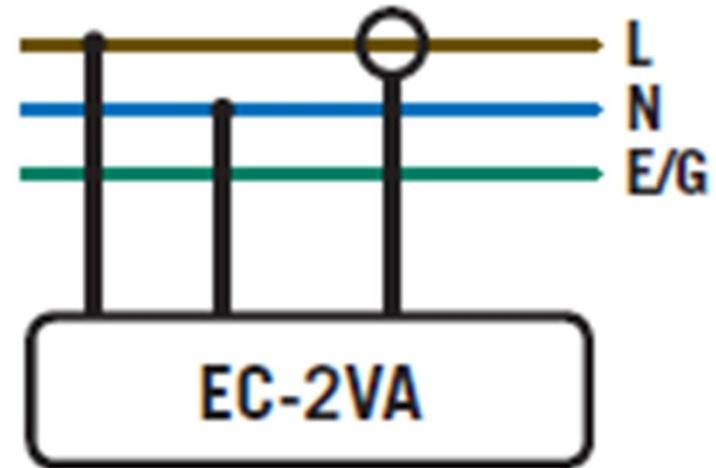
Model: EC-6VA

AC Voltage and Current (VA)



Three voltage channels 500Vac
Three current channels 400A, 1kA, 2kA or 3kAac

Model: EC-2VA



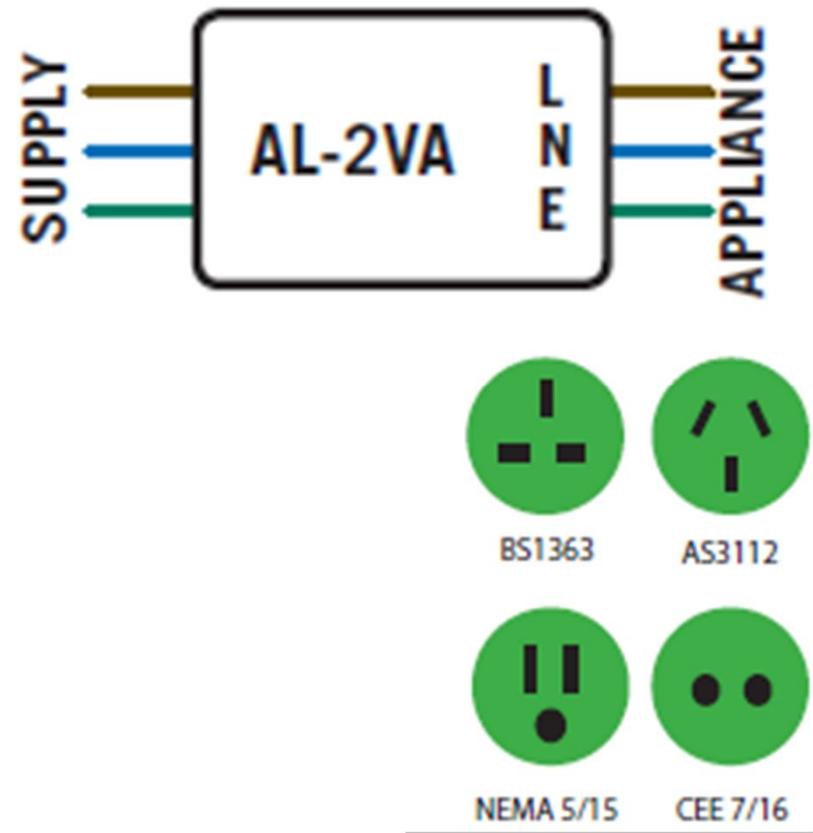
One voltage channel 300Vac
One current channel 300Aac



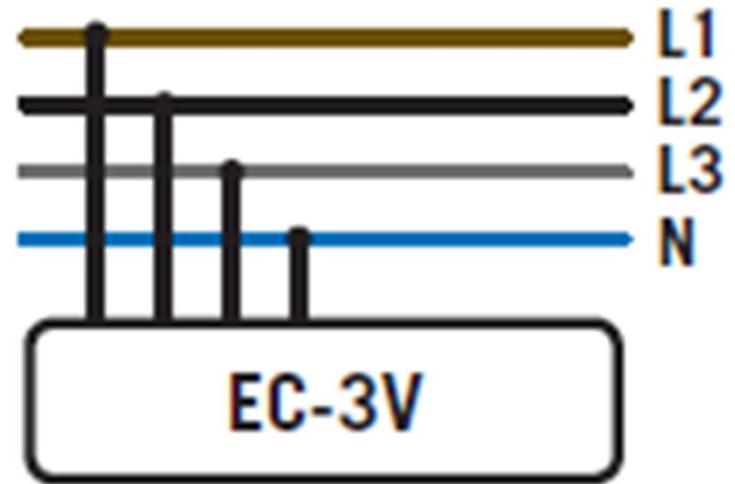
AL-2VA Appliance logger



One voltage channel 300Vac
One current channel 16Aac

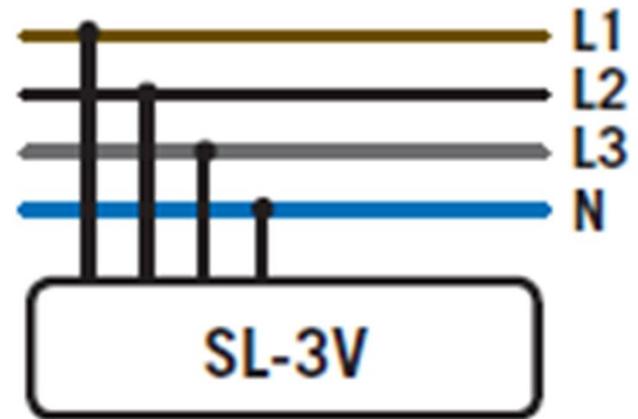


Model: EC-3V 3 phase voltage logger



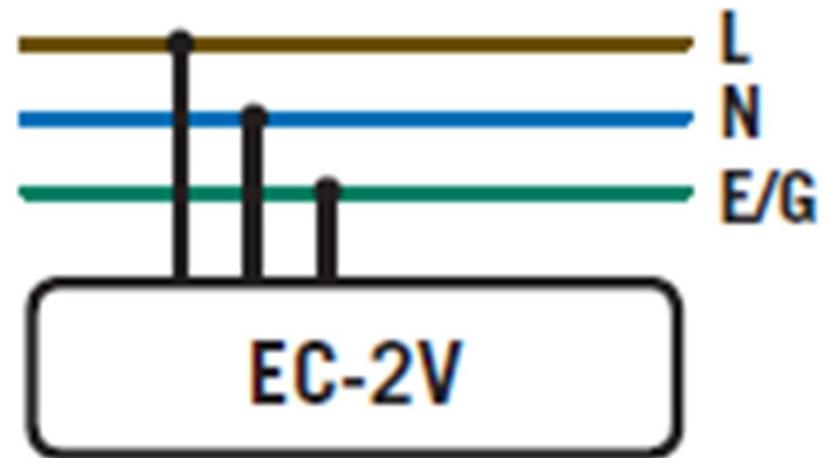
**Three phase; 500Vac (L1, L2 & L3 to Neutral)
With phase rotation checker**

Model: SL-3V



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

Model: EC-2V (voltage quality)



Two Phase 300Vac, 2 channels
Live/Hot to Neutral
Earth/Ground to Neutral



BS1363

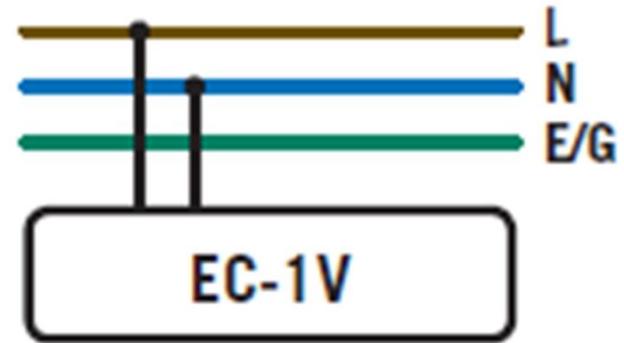
AS3112



NEMA 5/15

CEE 7/16

Model: EC-1V



**Single Phase 300Vac
(Live/Hot to Neutral)**



BS1363



AS3112

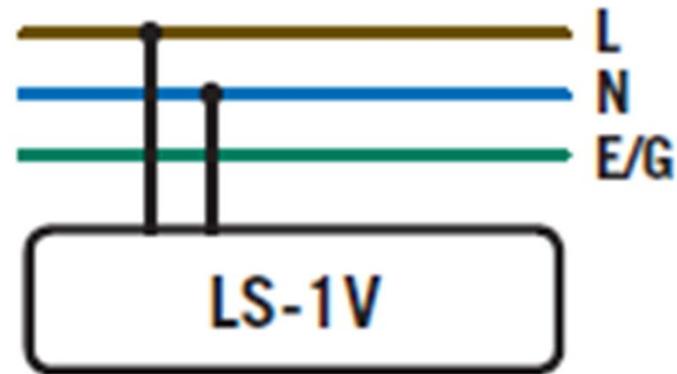


NEMA 5/15



CEE 7/16

Model: LS-1V Interruption Logger



Single Phase 300Vac (Live/Hot to Neutral)



BS1363

AS3112



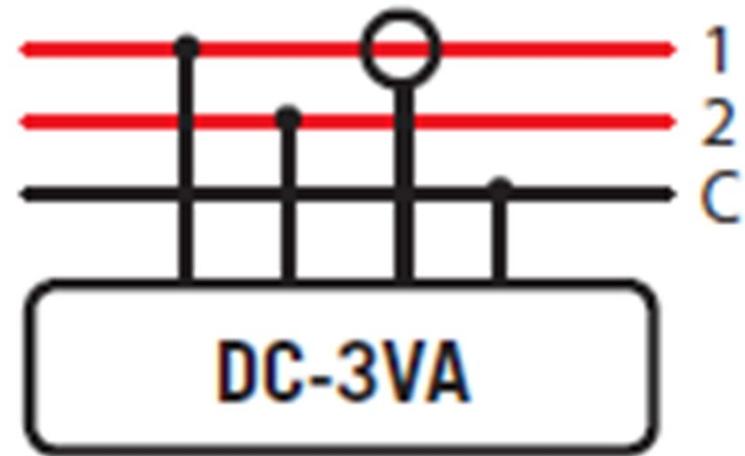
NEMA 5/15

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.

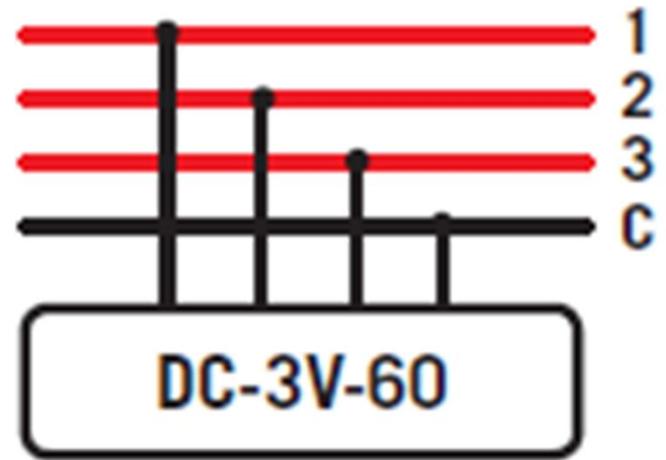
Model: DC-3VA



Two DC voltage channels; 300Vdc
One DC current channel; bidirectional 10/100Adc

Model: DC-3V-60

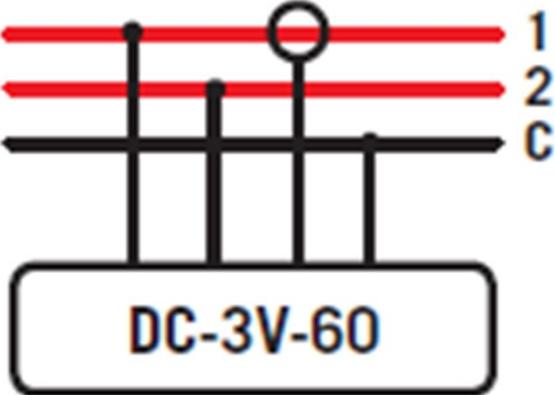
DC Voltage



**Three Channels; 60Vdc (D1, D2 & D3 to Common)
Can be used for current logging with appropriate transducer**

Model: DC-3V-60

DC Current



SR-1R

Solar Irradiance logger

Why use it

- Record DC Voltage and battery storage
- Record and check Photo Voltaic installations.

Who uses it

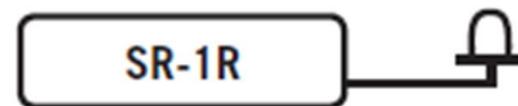
- Renewable Energy Companies
- Energy Auditors
- Facilities Management

Where

- Proposed PV & Solar Thermal Sites either Industrial or domestic premises



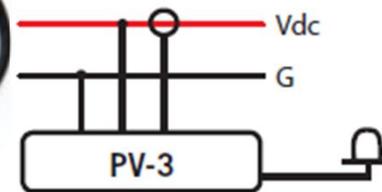
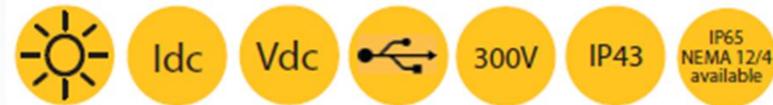
- Solar Irradiance is recorded to 1,500W/m2 with the included Pyranometer
- Accurate to 5%



Model: PV-3 (voltage-current-Solar Irradiance logger)

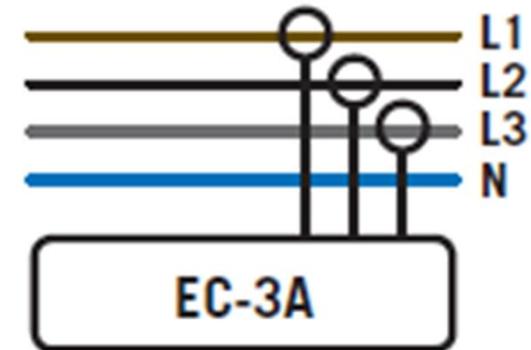


PV Logger



AC CURRENT LOGGERS

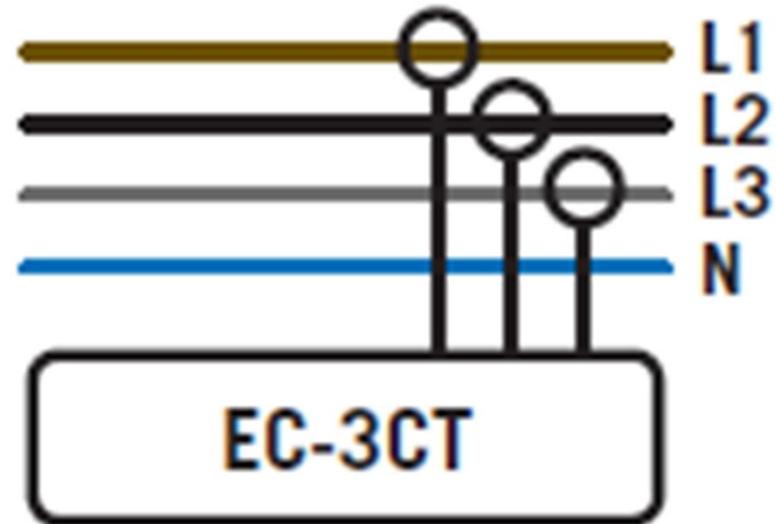
Model: EC-3A (current logger)



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

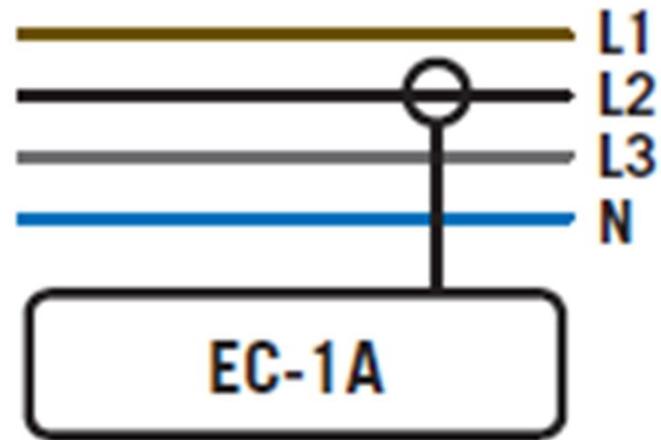
Model: EC-3CT

AC Current 3Ø



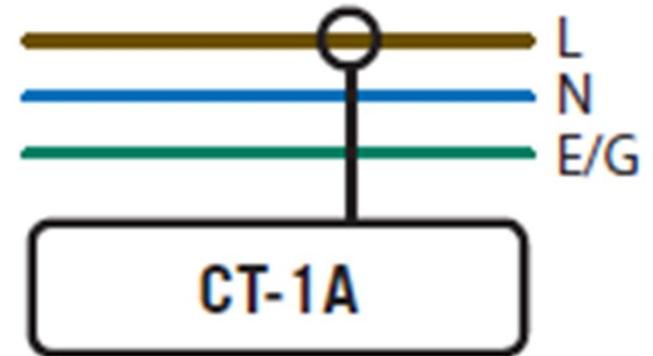
Three phase, 30A, 60A or 300Aac (300A max input)

Model: EC-1A



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

Model: CT-1A



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

Voltage Current PF (KW)

3 Phase Voltage, Current & PF Logger the EC-7VAR

3 Phase Voltage, Current & PF Logger the EC-7VAR



IP65 Optional

Shown above is the IP43 model, with IEC coloured sockets. The IP65 (NEMA 12/4) versions have the voltage leads through cable glands to achieve the IP65 sealing rating, on these models the voltage leads cannot be removed from the logger.

Model # of EC-&VAR

1. EC-7VAR-FK, ~4A to 400A (90kVA per phase, 270kVA total)
2. EC-7VAR-1K, ~10A to 1kA (230kVA per phase, 690kVA total)
EC-7VAR-2K, ~15A to 2kA (460kVA per phase, 1.4MVA total)
EC-7VAR-3K, ~20A to 3kA (690kVA per phase, 2MVA total)

A complete Kit



- All ElectroCorder Loggers use a constant sampling technique, meaning they sample every cycle multiple times, missing very little data.

- Data Logger
- Appropriate cables and connection Leads
- Carry Case
- Software included
- 1 year warranty
- Any logger capable of 3Ø recording can also be used on 1Ø applications

- Thank You