

Recording of DC Voltages and Current



DC-3V-60

The DC-3V-60 is a logger with 3 voltage input channels, these channels can be set to have voltage input ranges of, 10Vdc, 60Vdc or indeed 300Vdc. These loggers have been used in telephone exchanges, where DC voltages are typical, the DC-3V with a current transducer (with a 10Vdc range) has been used on regenerative braking systems on forklift trucks. The Bi-directional current transducer was used to record the directional flow of energy, when the truck when the motor was drawing power from the batteries 'driving' and generating energy pushing this energy back to the batteries 'braking'. The DC-3V has also been used to record the voltage and current delivered to DC motors on conveyor systems as well as paper mills. The DC-3V has been used on rail traction systems as well as a DC voltage monitoring on Emergency Vehicles as well as recording data on a renewable energy station, both PV and wind. The DC-3V is very versatile, as you can use external 0-10V current transducers to suit your application

GBP489 (excluding tax and delivery)



PV-3

The PV-3 has one DC voltage input channel (300Vdc), one DC current input channel (+/-100A) and one pyranometer input (1,500W/m²), specifically designed for logging data from Solar Photovoltaic installations, it is used to compare the solar energy with the DC electrical output of the installed PV system. The EC-CP100 DC current probe has two ranges +/-10A and +/-100A. The optional EC-CP305 DC current probe has two ranges +/-30A and +/-300A.

GBP1039 (excluding tax and delivery)



DC-3VA

The DC-3VA is designed with 2 DC voltage input channels (300Vdc) and one DC current input channel (+/-100A), specifically designed for the Renewables market, this logger can record the output of a PV cell array. The EC-CP100 DC current probe has two ranges +/-10A and +/-100A. The optional EC-CP305 DC current probe has two ranges +/-30A and +/-300A. The DC-3VA is also used to record the output of a DC generator, for example on a wind turbine, it has also been used for logging voltage and current in industrial processes equipment.

GBP489 (excluding tax and delivery)