



MainsHog Manual

ACC/9 MainsHog For use with DataHog and MiniMet dataloggers

The Mains Hog mains power supply is connected to the local mains power and provides a D.C. supply to the DataHog or MiniMet datalogger via the 8 pin connector on the end of the short lead.

This connector should be plugged into the RS232 socket of the datalogger. The 8 pin socket (RS232) on the Mains Hog power supply unit is then used for connection to the computer instead of the RS232 socket on the datalogger, which now contains the power supply plug. Operation of the datalogger is otherwise as normal.

As long as alkaline batteries are fitted inside the datalogger, operation will continue even if the Mains Hog power supply unit is disconnected from the mains supply, or if the mains supply should fail. These batteries will be automatically switched off and not used when the mains power supply starts again. This gives a very useful uninterruptible operation with the batteries.

If no alkaline batteries are fitted to the datalogger, or they are 'flat', then clearly the datalogger will not function without the mains power supply.

Technical Data

Input:	100-240V ~ 50/60Hz
Output:	12 volt D.C.
Current:	80 mA max.

N.B. Only one auxiliary supply (MainsHog, BatteryHog or SolarHog) should be connected to a DataHog or MiniMet datalogger at the same time. If more than one is connected it may cause damage to cells in the other. It is desirable and quite safe for the batteries to be left in the datalogger, however.