



**DATAFLOW SYSTEMS PTY LTD**

LOW COST DATA RECORDING SENSORS

[www.odysseydatarecording.com](http://www.odysseydatarecording.com)

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## Battery Life.

The Odyssey loggers use a 7.2V, 1.2Ah (8.6Wh) lithium battery pack. Each battery pack has been assembled to include the battery adapter necessary for connecting to the logger.

The logger battery life depends upon how frequently the user logs data. For a logging scan rate of 1-hour the batteries will last for up to 18 months under normal operating conditions.

The battery voltage should be measured each time the logger is removed from the field to retrieve logged data. The voltage can be measured by placing the test leads from a multi-meter across the two socket head screws. If the voltage is below 6.5 volts then the battery should be replaced.

## Photosynthetic Irradiance (Light) Logger.

This logger operates differently from other Odyssey loggers. Normally a logger will 'sleep' in between scan times and 'wake' for a moment to record data (scan rate). The light logger does not have a scan rate in the same sense and is therefore *always* operating and collecting data. This constant operation results in a shorter battery life. A light logger can be expected to operate for **approximately 7 months** with a new battery under normal conditions.