

FOX-D1 Digital Battery Display



The FOX-D1 is a useful addition to many smaller 12v or 24v solar or wind energy systems. The D1 is designed to help monitor the amount of energy flowing into or out of the batteries.

With its clear LCD digital display and low power consumption, this unit can be left permanently connected into your system. The simple user interface offers a neat solution to keeping an informed eye on your energy use and charging rates.

The push button on the fascia switches the display between current and volts. By measuring the current & voltage, an accurate estimate can be made of the charging or discharging rate of the battery bank.

The display shows a positive number when current is flowing into the battery. Conversely, when current is flowing out of the battery the display shows a (-) negative figure.

The D1 unit features high build quality and easy connection.

Operating range: 8 to 48 V (max 50v), charging/discharging current up to 20A.

Self Consumption: 1.8 mA, (0.02w @ 12v).

Dims: 100 x 56 x 44 mm (LWD)

Weight: 80g

Operating Conditions: -20°C to +60°C, protect from frost & water.

Warranty: 2yrs



The manufacturers offer the following guidelines for voltage indication on a 12v system (double for 24v):

Under 10.5 V	battery fully discharged, all loads/consumers must be turned off !
10.5 V to 11.5 V	battery fully discharged user-consumption should be limited
11.5 V to 12.2 V	normal operating condition at 12 V during energy usage
12.2 V to 12.5 V	well-charged battery
12.5 V to 12.8 V	battery fully charged
12.8 V to 14.2 V	no energy being drawn from battery
Over 14.4 V	condition reached only by over-charging