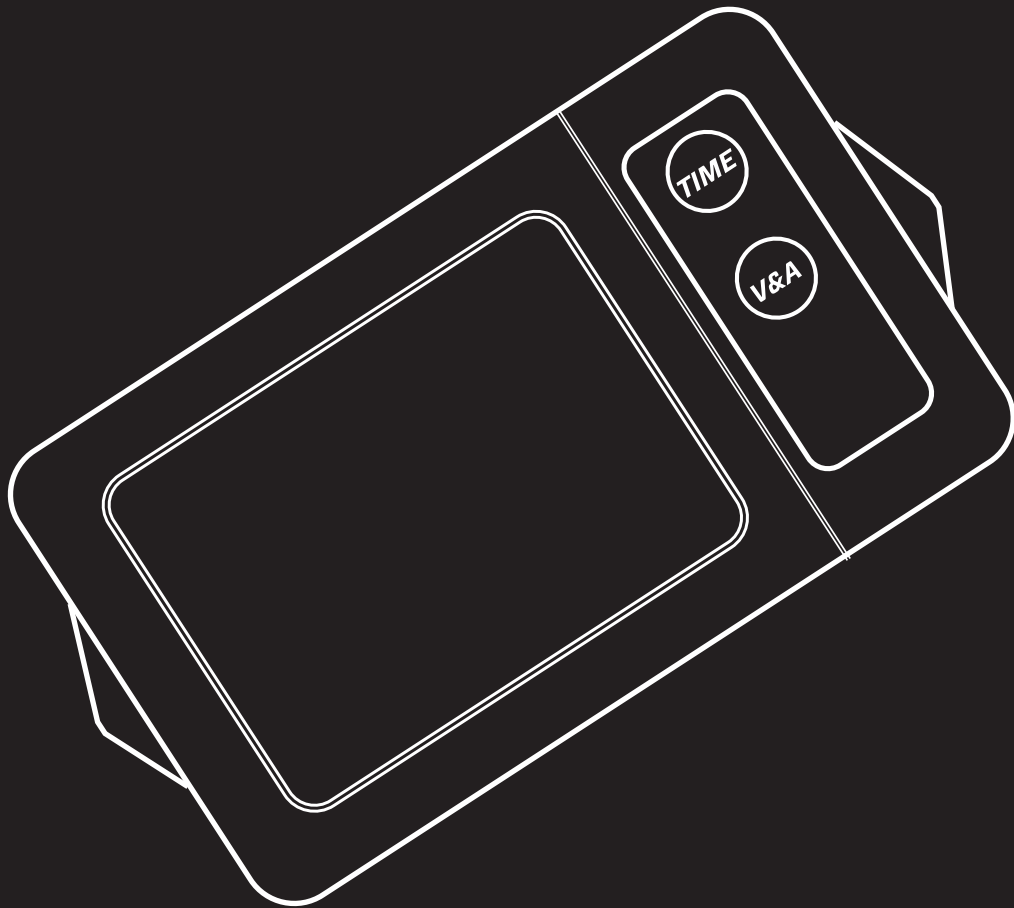


# CTEK

## **FAQ**

### *DC DC MONITOR*

*Not available separately part of off-road kit*



## **Why does my CTEK MONITOR show that the number of hours remaining is high or low when a constant discharge current is flowing?**

The actual battery capacity is different from the value you have entered in Engineering. The reasons for this difference have been discussed above. Adjust the battery capacity in Engineering to match the battery.

## **I have a 500W appliance. How do I know what current it will draw?**

Divide the power rating by the nominal supply voltage to find the current. So, for example, your 500W appliance will draw  $500W/12V$  Amps from a nominal 12V battery: i.e. about 42Amps.

## **When on heavy load, the time to run is lower than I expect. Is this correct?**

YES. When heavily loaded, a lead-acid battery delivers less energy than expected.

## **Why does my battery seem to have less capacity than it says on its label?**

The value on the manufacturer's label is seldom the value achieved in service, because of the deterioration of the cells' plates and many other factors. If it seems to have much lower than its expected capacity, it may need replacement, or you may feel that changing the nominal capacity from the Engineering mode will suffice to let you know well enough the percentage charge remaining.

## **Do I need to disconnect my CTEK MONITOR when I leave the vehicle for long periods?**

No. The CTEK MONITOR is designed to be permanently connected to the battery. It is independently fused and draws only 1.5mA from the battery. At such a low current, it would take several years to discharge a typical fully charged service battery.

## **Why does my CTEK MONITOR show a higher capacity immediately after charging than it does after a few minutes discharging?**

This is an unavoidable feature of battery chemistry, which varies from battery to battery, and the charging system used.

**I have another voltmeter on my vehicle which shows a different value to the CTEK MONITOR indication.**

The CTEK MONITOR very accurately measures the voltage directly across the battery terminals. Other voltmeters may read differently owing to volt drops in the wiring.

**Can the CTEK MONITOR monitor my engine starting battery as well as my service battery?**

No, it cannot. The service battery is in continuous use, and so needs continuous monitoring. The starter battery, however, is subject only to periodic heavy loads followed by float charging, and so does not need to be monitored.

**My battery is made up of a bank of several batteries. Is that a problem?**

Not as long as the combination produces a nominal 12 volts, and all the current drawn from the bank passes through the shunt.

**Why is the screen of my CTEK MONITOR blank?**

Check the wiring is correct and securely terminated. Check the fuse, and check that the battery is not completely flat.

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