

## VOLTAGE GUIDE FOR BATTERIES

12 Volt batteries consist of 6 individual cells, each producing approx. 2.1 volts.

A 12 volt battery 100% charged will have an Open Circuit Voltage of 12.7 volts or more.

A 12 volt battery 50% charged will have an Open Circuit Voltage of 12.3 volts.

**A battery with a voltage below 12.3 volts must be recharged.**

Flat batteries are NOT WARRANTY batteries.

The reason the battery is flat:

Overdischarge.

Incorrect charging.

Malfunction of the charging system.

Non approved application

If a battery has a manufacturing defect it will normally affect only one cell, leaving an Open Circuit Voltage of between 10.00 volts and 11.00 volts for a 100% charged battery.

## RETURNS

Voltages greater than 11.00 volts the battery is just flat.

NOT A WARRANTY BATTERY

This battery should be able to be recharged if not left flat for more than 48 hours.

Voltages less than 10.00 volts the battery is discharged.

NOT A WARRANTY BATTERY

This battery is very unlikely to be able to be recharged.

Voltages less than 8.00 volts the battery is over-discharged.

NOT A WARRANTY BATTERY

This battery will not be able to be recharged.