



## **KT Battery Tester BAT1**

The KT Battery tester is a basic battery load tester and has been used in the security industry for many years.

The battery tester is used in conjunction with the engineers volt meter, the purpose of the tester is to introduce a known load to a battery by connecting the meter and battery to the tester and by pressing the button on the unit for no more than 10s the engineer should monitor the battery volts to see that there is no significant reduction of the terminal volts.

If you have a 7Ah battery connected and you select a 6A load the volts should not drop significantly and should remain around 12 Volts, if you see the voltage dropping off quite quickly you would have to assume the battery was not charging correctly or was defective. When the button is released the volts should recover very quickly if the battery is OK.

You have the option to test at different loads depending on you battery capacity, for example we would not recommend testing a 1.2Ah battery at 6A as this is unlikely to give a useful result and would be best tested at nearer its maximum capacity for example 2A.

This is not an intelligent tester like some more expensive testers on the market and will rely on your engineer's intelligence to interpret what is going on in front of him and make the decisions rather than a box.

### **DIMENSIONS**

Only 60mm x 110mm x 30mm.

*Note Sizes are approximate only*

### **CONSTRUCTION**

A cast aluminium enclosure

4 x Banana terminals and shrouded Crocodile Clips to connect to the battery

A pair of push terminals to connect to the engineer's multimeter.

A press to test button.

## **TECHNICAL SPECIFICATION**

Input Voltage  
Operating Load's  
Test Time

12V DC  
6A, 4A, 2A. Typical  
No more than 10s

## **ADVANCED FEATURES**

Selectable load option.  
Simple operation.  
Utilises existing voltmeter.

