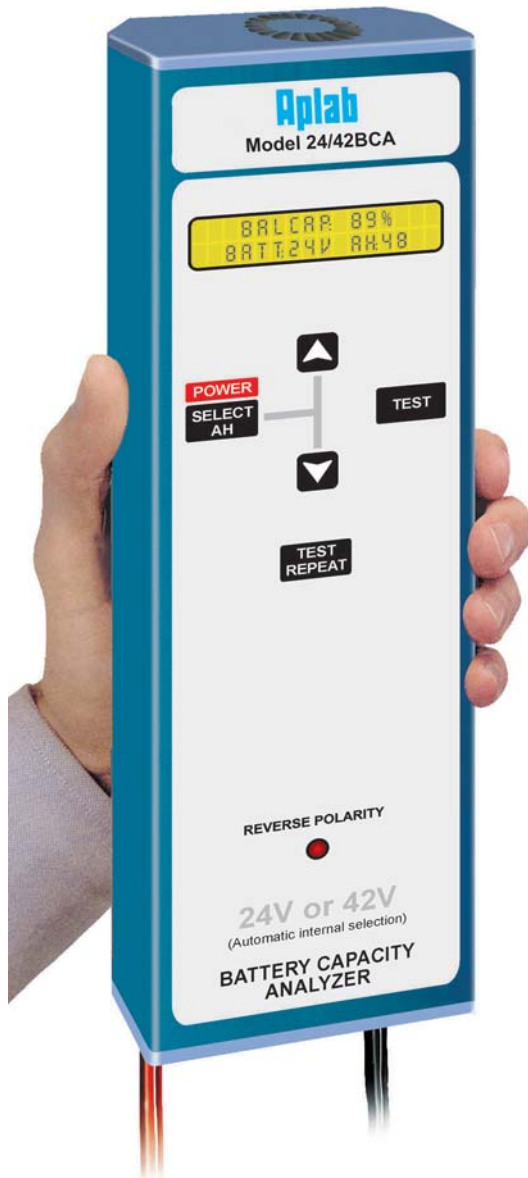


## Battery Capacity Analyzer



### Features

- ★ 2 Selectable Voltage Ranges of 24V & 42V
- ★ Programmable AH range Selection up to 100AH in steps of 1AH
- ★ Fan Cooling Provided
- ★ Measures :
  - Left out Capacity
  - Battery Terminal Voltage
  - Internal Resistance of BUT
- ★ Optional RS232 Interface

### Introduction

Aplab's Battery Capacity Analyzer Model 24/42BCA measures the % capacity left in a battery. After selecting proper AH range & terminal voltage press Test Key to get the % balance capacity or internal resistance. Repetative tests can be performed for given setting by pressing Test Repeat key.

Model 24/42BCA supports 24V & 42V batteries with a wide range of AH capacity.

### Applications

As the information age develops it is likely that the demand for UPS units will increase for use in hospitals, offices, labs etc. It is expected that the importance of battery maintenance will increase along with increasing demand for UPS servicing, QC Department, Battery Systems in railways, Telephone exchanges, Ships / Submarines.

The optional RS232 interface provided will be extremely helpful for data logging purposes.

### Specifications

<b>Voltage Ranges</b>	: 24V, 42V selectable.
<b>Display</b>	: i) Capacity 0% to 100%. ii) No load Voltage. iii) Internal Resistance.
<b>Min. Input Voltage</b>	: 19.2V.
<b>Max. Input Voltage</b>	: 50V.
<b>AH Selection</b>	: Programmable 2-100AH in steps of 1AH.

<b>No Load Voltage</b>	: 0.2% ±1 counts.
<b>Accuracy</b>	
<b>Voltage Resolution</b>	: 10mV.
<b>Dimensions (mm)</b>	: 86 (W) x 260 (H) x 50 (D).
<b>Weight</b>	: 1 Kg. (approx.).

**Caution :**  
Do not exceed max. input voltage rating.  
Doing so may cause fatal damage to unit.

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.