

Battery Capacity Tester

C.A 6630



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Avoid breakdowns: take the preventive
maintenance approach!

amperis

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An easy, fast and reliable way to test your batteries with the C.A 6630!

- Measurement of internal resistance (4-wire accurate method) and of open circuit voltage (simultaneous display)
- Suitable for nickel/cadmium, lithium-ion and nickel/hybrid metal batteries
- Comparator function for rapid assessment of battery deterioration
- Manual storage possible for 999 measurements and continuous data storage (logger mode)
- Software for data transfer to a PC and measurement leads supplied

Easy to set up

The + terminal of the C.A 6630 is connected to the + terminal of the battery being tested

The - terminal of the C.A 6630 is connected to the - terminal of the battery being tested

Turn the C.A 6630 on and read the results.

Results that are easy to interpret

With the comparator function, measurements are compared to the theoretical results included in the instrument. The result of the comparison is displayed as follows:



Simple PC software to export stored data

This software enables:

- Data stored in the C.A 6630 to be exported to your PC
- In data logger mode, regular reading (time interval between 2 samples is adjustable from 1 to 255 seconds) and graphic display of values
- Storage of all results on your computer's hard drive

Technical features

- automatic standby after 30 minutes of no activity on keys
- zero adjustment function to compensate for the voltage circuit displayed
- LCD screen with 2 displays and numerous symbols
- powered by 6 x 1.5 V batteries – continuous autonomy: 7 hours
maximum power consumed: 1 VA
- dimensions: 250 x 100 x 45 mm
- weight: 500 g, including batteries
- measurement of resistance: t° coe.: $\pm (0.1\% \text{ of } L + 0.5 \text{ digits}) / ^{\circ}\text{C}$

TO ORDER

Delivered in a hard carrying case with:

- A set of 2 x 1-m long measurement leads with retractable test probe tips
- Data transfer software for exporting and processing stored data on a PC
- C.A 6630 / PC connection cord
- Instruction manual in 5 languages

measurement current: 1.5 mVAC / Measurement frequency: 1 kHz $\pm$ 10 %

Range	Resolution	Measurement current	Accuracy
40 m Ω	10 $\mu\Omega$	37.5 mA	$\pm (1 \% \text{ of } L + 8 \text{ digits})$
400 m Ω	100 $\mu\Omega$	3.75 mA	
4 Ω	1 m Ω	375 μA	
40 Ω	10 m Ω	37.5 μA	

measurement of voltage: t° coe.: $\pm (0.1\% \text{ of } L + 0.5 \text{ digits}) / ^{\circ}\text{C}$

Range	Resolution	Accuracy
4 V	1 mV	$\pm (0.1 \% \text{ of } L + 6 \text{ digits})$
40 V	10 mV	

A informação contida neste documento está sujeita à alterações sem prévia notificação.

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