

Intelligent Charging

The MB73+ range, for aviation and other critical applications



Universal Battery Charger and Capacity Tester

MB73+ MB73P+

**“Advanced Military Technology...
at an affordable price”**

Developed from CasC's well-established military range, but aimed at a commercial market, the MB73+ is a **universal battery analyser (capacity tester) & charger** combined into one compact unit. It is designed for heavy-duty aircraft & marine batteries, and others in performance-critical environments.

Now, crucial battery maintenance becomes a **simple & economical automated process**, with no attention required from 'START' to 'PRINT RESULTS'. And thanks to its advanced electronic technology, the MB73+ is probably the only unit you will need:-

Charges all types of battery: Up to 40 volts: NiCad, Lead-Acid, Lithium-Ion, etc. Charge current up to 50A*. Capacity tests up to 60A*

Fully automatic analysis & charging cycles. Simple menu based operation - only three keystrokes needed to start the cycle.

Internal memory stores the cap-test & charging parameters of 24 battery types.

Three charging modes:- Constant-voltage or Constant-current or Multi-step.

Lightweight & compact - the MB73+ unit is a portable unit weighing only 22kg and runs off a standard single-phase mains supply.

Internal printer option. Battery test results can be recorded on a signed and dated printed certificate.

Detects faulty batteries and has several built-in protection functions.

*See full specification



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SPECIFICATIONS

■ MB73+

- Charge: 30A for 12V batteries or 15A for 24V batteries.
- Capacity test: 60A for 12V batteries or 40A for 24V batteries.

■ MB73P+

- Charge: 50A for 12V batteries or 25A for 24V batteries.
- Capacity test: 60A for 12V batteries or 50A for 24V batteries.

■ Both Models

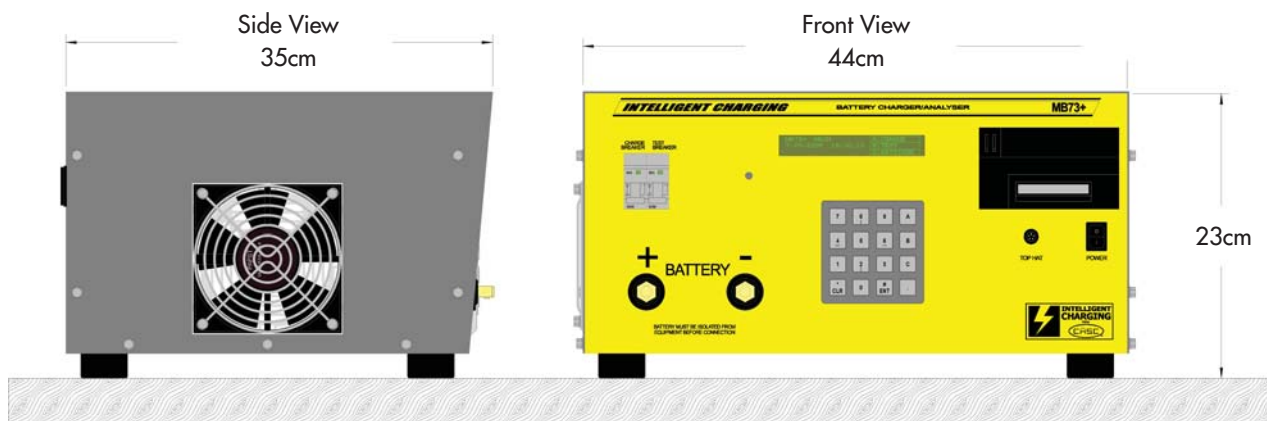
- Can charge and capacity test batteries from 1.2V up to 40V
- Charges almost all battery technologies. Three charge modes:
 - Constant voltage charge.
 - Constant current charge.
 - Constant current 4 step charge – steps can be used as rest periods.
- Battery failure or overcharge detection.
- 24 User-programmed battery data libraries.
- Battery volts, amps & time displayed on a clear display.
- Intuitive data entry.
- Only three keystrokes needed to start.
- Audio alarm to indicate process completion or failure.
- Shows calibration status.
- Internally protected from overloads.
- Reverse or no battery connection protected.
- Automatically shuts down if battery disconnected during charge.
- Optional built-in printer for audit trail.
- Allows individual cell monitoring using (optional) 'top-hat' assembly.
- 230v or 115v 50-60hz mains input. Factory configurable.
- Bench mounted.
- Weights (approx): MB73+ 24kg. MB73P+ 30kg.
- Dimensions: 44cm X 35cm X 23cm (W X D X H)
- Supplied with 1 set of leads 100cm long with 8mm ring crimps.
- Alternative or longer lead sets available.
- 1 Year RTB warranty.



To discuss your battery charging and testing issues, and to discover how a standard or bespoke **Intelligent Charging** solution would help your operations, contact:

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Weight 22kg/30kg