

TECSUP

MICRO-TEC

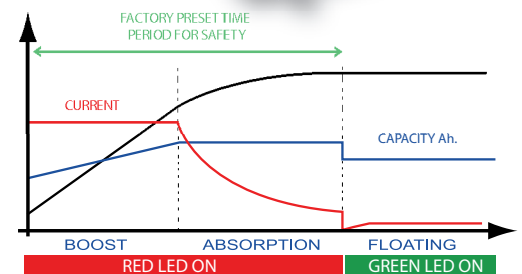
12 V / 06 A - 12 V / 10 A - 24 V / 05 A
1 or 2 outputs

Experts since 1985 in the conversion of electric energy, for powers ranging from 50 to 3000 watts, TECSUP offers **small, lightweight, silent and ready-to-use switch mode battery chargers.**

Conceived for a **consistent charge rate**, the MICRO-TEC is perfectly suitable for all the "custom embedded" applications (boats, motor homes, ambulances...) and sectors for which charging safely and correctly is essential (security, street signs, lighting...).

Charge quality

- Three-states charging curves:
 - **BOOST** / Fast charge: restores 80% of battery capacity in the shortest possible time.
 - **ABSORPTION** / Top up charge: brings the battery up to 100% capacity without causing excessive gassing or boiling.
 - **FLOATING** / Maintenance charge: maintains the battery at its optimum operating voltage without causing gassing. The charger will make up for internal loss and drain, present in every battery.
- IUU charging curves for 2 different types of batteries: lead open, sealed (AGM, Gel).
- Curve selection with an external jumper.



Power	72 W	120 W	120 W
Output (voltage / current)	12 V / 06 A	12 V / 10 A	24 V / 05 A
Output(s)	1 or 2 independent output(s) (depending on the version)		
Universal input voltage	230 VAC		
Frequency	50 / 60 Hz		
Working temperature (cut off point)	-20°C to +45°C		
Storage temperature	-20°C to +70°C		
Dimensions (mm)	148 x 110 x 48		
Weight	800g		

Easy to use

- Easy to install with connecting cables pre wired.
- Horizontal or vertical installation.
- The MICRO-TEC **allows the battery to be connected and used constantly**, while still offering a real BOOST (high voltage) charge over short period. The charger switches back to top-up mode automatically.
- Frontal display (Led):
 - Red: Boost / Absorption
 - Green: Floating

Safety

- Extruded and anodized aluminium housing.
- Smart protection against water: air inlet located at the bottom, outlet at the back of the charger.
- Ingress Protection IP 54.
- Electronic protection against: power surges at input & short circuits at charger output, battery discharge in the events of mains failure.
- Protected against accidental polarity inversion, by an external automotive type fuse.

- CE conformity.
- Electromagnetic compatibility (E.M.C.) EN 50081-1, EN 50082-1, EN 55022 class A.
- User safety: NF EN 60335-1 and EN 60335- 2-29.

Connexions

- AC connexion via IEC socket or pre wired 3 pin AC plug (1.80m).
- DC connexion via flyleads (1.80m) terminated with Ø 8 mm dia. crimp terminal.



- 2 year warranty.

- Listening to and proximity with clients.

- Knowledge of conditions of use.

- Specific versions on request.



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