

Warranty Terms

Warranty valid for 12 months (one year), starting from the date of purchase, if purchased from an authorized Marts Digital dealer. Will be covered by warranty components and/or parts comproved that shows failures in process manufacture or damaged components.

Warranty **don't** cover:

- Equipment, parts or components previously altered by unauthorized people.
- Damages caused by accidents (fall, crash, etc) or natural disasters (overflow, burning, etc).
- Improper instalation (improper wiring, abuse, installation out of specifications).
- Shipping costs.

In case needed any repair, contact the dealer for warranty instructions.

IMPORTED BY:
DIGITAL MARTS
AUTOMOTIVE ACCESSORIES

Fone: +55 (11) 998-551-605
CNPJ: 41.190.197/0001-56

OBS: If out of warranty, repair costs (if needed) will be charged from client.

e-mail: sac@digitalmarts.com.br

Marts Digital reserved rights to alter characteristics of the product without previously advice.

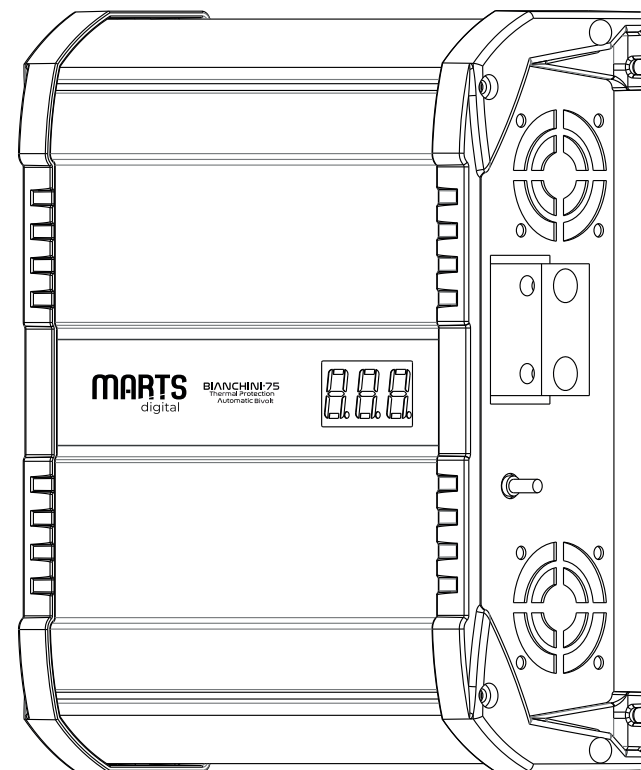
Warranty registration:

Name:.....
Register:..... Date:..... Phone:.....
Address:.....
Store:..... Phone:.....

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Power Supply and Battery Charger ***BIANCHINI 75***



Illustrative images



Instructions manual
Read before install



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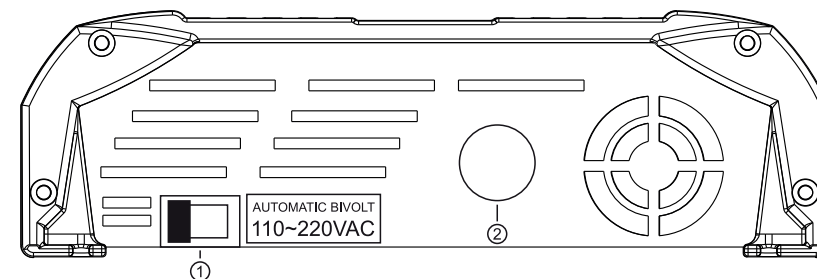
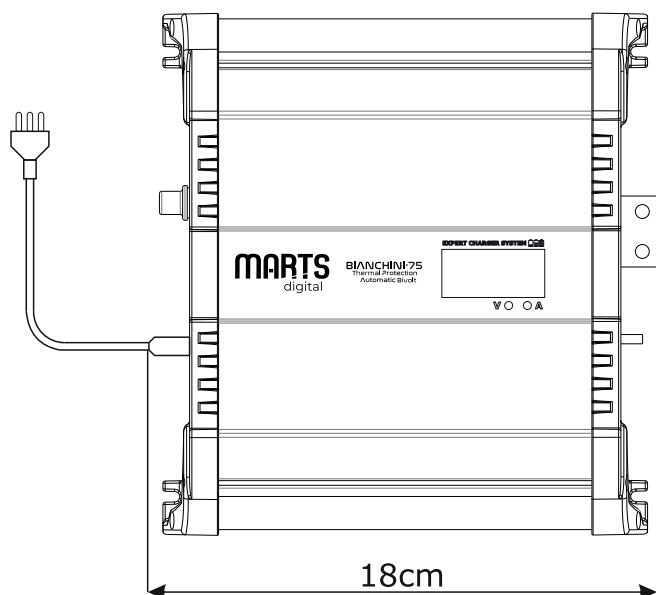
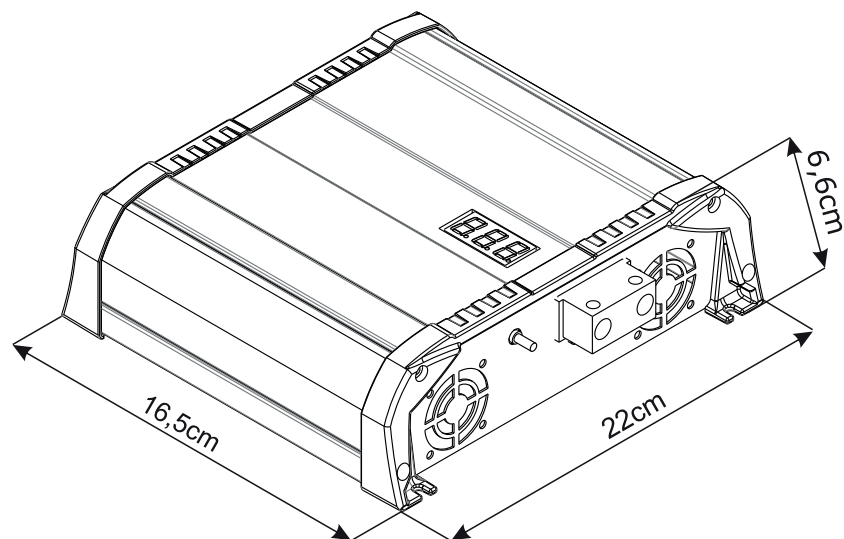
Presentation

Read the all the manual before install the BIANCHINI 75, for getting a good performance. Keep the manual on safe and easy access local for future references or doubts.

Technical Specifications

Voltage Input	Auto 127/220Vac
Max Voltage Range 127Vac	90 ~ 140Vac
Max Voltage Range 220Vac	160 ~ 260Vac
Max Consuption Input 127Vac	12A
Max Consuption Input 220Vac	7A
Max Power Input	1500W
Max Power Output	1000W
Max Efficiency	90%
Output Voltage	12.3Vdc a 14.4Vdc
Max Current Output	80A
Wire Gauge Input	3x18AWG
Input Circuit Break	20A
Output Terminals	4AWG
Power Strip Recommended	2x14AWG until 30m
	2x12AWG until 50m
Dimensions	180x220x66mm
Weight	1,750Kg

*These typical datas can receive some minimal variations.

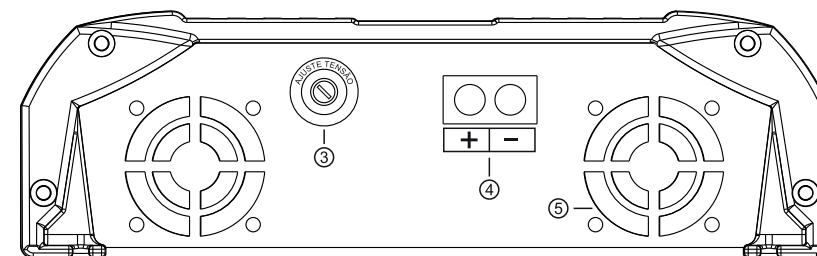


1. CIRCUIT BREAK

Circuit breaker for equipment protection.

2. POWER INPUT

The BIANCHINI 75 has **AUTOMATIC BIVOLT** power (127/220Vac).



3. VOLTAGE ADJUSTMENT

Voltage output adjustment from 12.3Vdc to 14.4Vdc.

4. OUTPUT TERMINAL

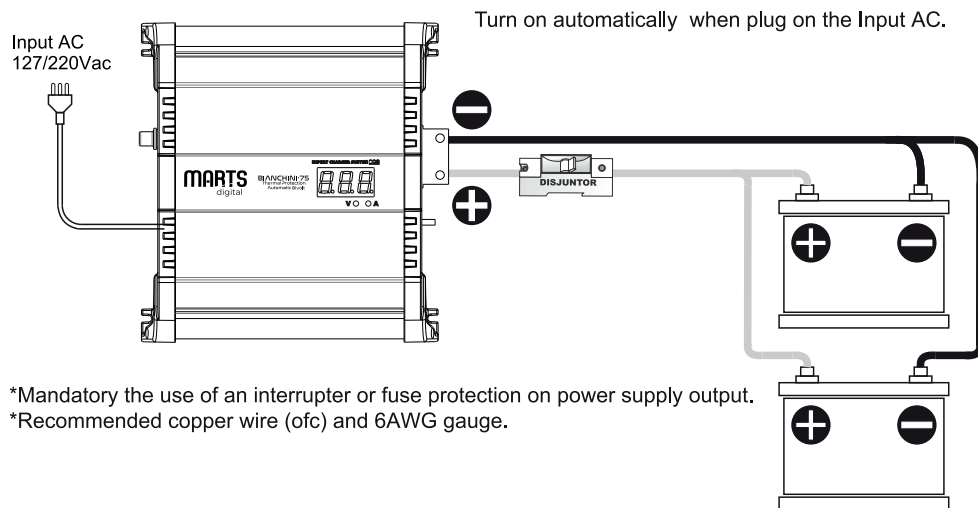
Output terminals (+) and (-), connect to battery, bar or device 12V to be feeded.
Never reverse the polarity.
(Connect wire gauge 8AWG Maximum)

5. VENTILATION

Air input/output to ventilation and temperature reduction.
NEVER BLOCK THE PORTS. Leave 5cm or more of space from the device on both sides for a good performance and safe running.
Smart Ventilation - The cooler rpm level is variable according with output current for a lower noise and a longer life time.

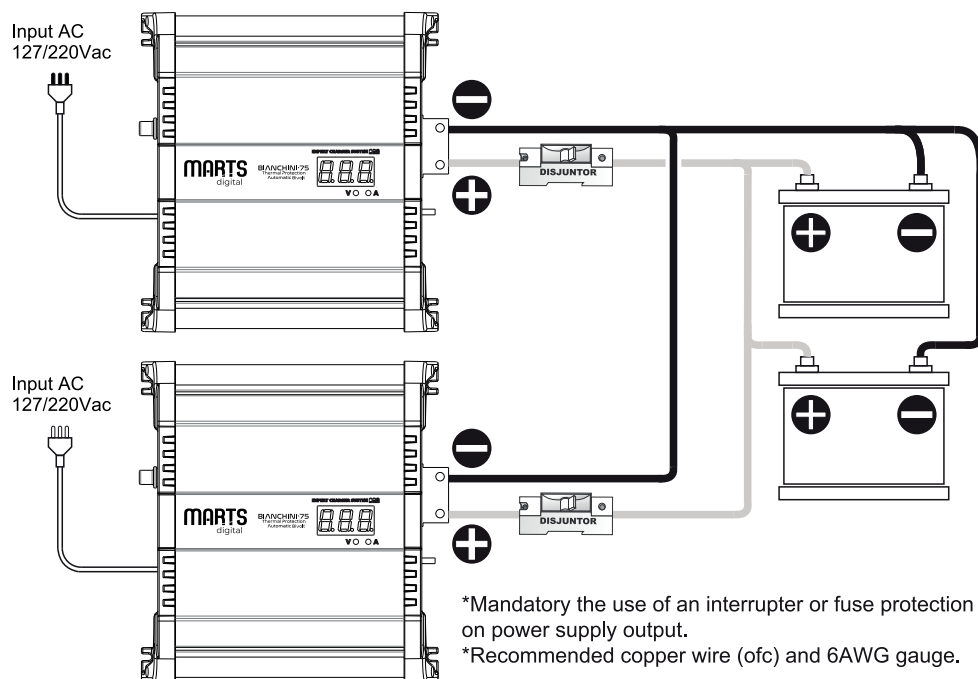
Installation

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*Mandatory the use of an interrupter or fuse protection on power supply output.
*Recommended copper wire (ofc) and 6AWG gauge.

Parallel Expert Charge Installation



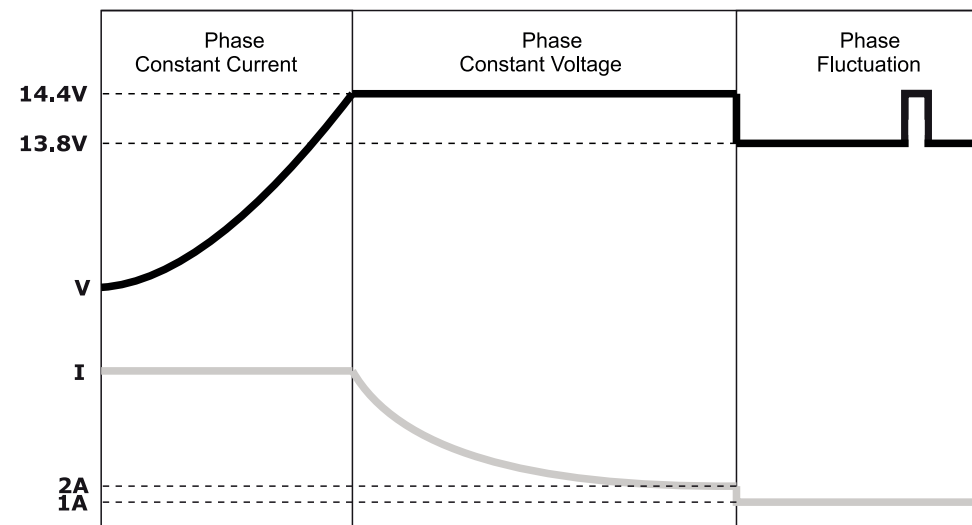
*Mandatory the use of an interrupter or fuse protection on power supply output.
*Recommended copper wire (ofc) and 6AWG gauge.

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Expert Charge System

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Expert Charging Batteries



■ Voltage (V)

■ Current (I)

Constant Current Phase - The current is constant kept while the voltage up until the point when happens the electrolyte's decomposition; At the final phase, the battery has around 75~80% of his nominal capacity.

Constant Voltage Phase - The voltage keeps 14,4V while the current down slowly until 2A. On this phase, the battery's charge is almost complete. After 1 hour on this condition, the voltage changes from 14,4V to 13,8V, and passed to fluctuation mode.

Flutuation Phase - On this fluctuation phase the vontage keeps on 13,8V during 90 minutes, after this period, the voltage up to 14,4V during 10 minutes, and returns to 13,8V, restarting the flutuation cycle. If the current up to 4A or higher all the timers are reseted.

Display and Monitoring



Display - The display changes often between Voltage and Current to see the values on real time.

*The values on display can be changed until 5% because the temperature oscillations.

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