

The **Gs Audio Power Supply** is designed to support audio systems in modern cars. With adjustable voltage ranging from 11 to 17 volts, it is ideal for charging or powering systems during events, making it compatible with lead-acid, AGM, LiFePO4, and LTO batteries. Its versatility also allows it to be used as a bench power supply, perfect for indoor events, eliminating the need to start the engine and reducing pollution

Instructions

1. Connect the 220-230V power grid and set the selector to the left for AGM or LiFePO4 batteries, or to the right for LTO batteries;
2. Lower the voltage potentiometer to the minimum;
3. Turn on the power supply using the power button, the green LED (cv) lights up;
4. Adjust the desired end-of-charge voltage by looking at the display, e.g. 14.8v;
5. Connect the power supply to the battery pack (e.g. with cables, eyelets, large-capacity pliers);
6. Gradually increase the current depending on your usage according to these guidelines:
 - a. If used as a battery charger (i.e. constant supply of current to battery packs with the audio system turned off), after carrying out the 5 steps in the order indicated, it is recommended to use a current equal to 25% of the total capacity of your batteries. For example, for a 200 Ampere LTO battery pack, 50 Ampere of output should be used, while for a 500 AGM AGM battery pack it is recommended to use a maximum of 125 Ampere;
 - b. Only after having charged the entire battery pack to the previously set voltage (at the end of charging the cc LED turns off), will you be able to increase the current supplied by another 20/30% and start playing, without modifying the CV trimmer.

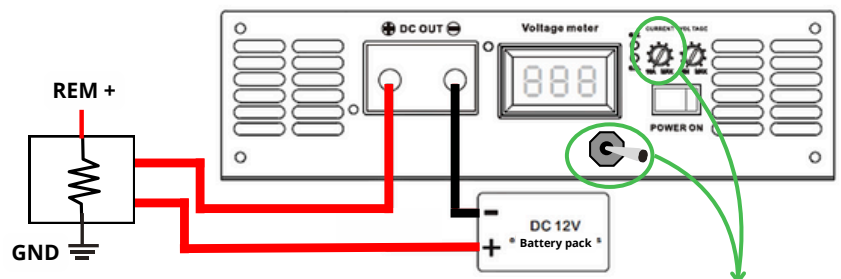
ATTENTION

- It is extremely important not to exceed an output of 180-200 Amperes for 30 minutes in musical mode as the power supply, being compact, could overheat (monitor the temperature which will depend on the absorption peaks);
- It is extremely important not to exceed a supply of 100-120 Amperes for 30 minutes on the battery charger as the power supply, being compact, could overheat (monitor the temperature which will depend on the current supplied);
- It is extremely important to set the voltage value with the trimmer to "human" and realistic values for the batteries and any connected vehicle system;
- GS Audio declines all responsibility for the vehicle, batteries, amplifiers and any other electronic parts damaged by overvoltage caused by the user supplying excessive voltage to electronic components or amplifiers that do not support such voltage;
- It is also essential that, before exceeding 15V, the user is aware of all electronics connected to the power supply and certain that they can be powered at this voltage.

Technical specifications

Power supply voltage: 220Vac ~ 240Vac
Consumption at rest: 0.7A
Variable Output Voltage: 11V~17V
Maximum output current: FROM 20 TO 240A
ADJUSTABLE.
Maximum output power: 3880W
Input cable: 3x2.5mm²
Recommended output cable: 50mm²
Dimensions (PxHxL): 70x280x270 mm
Weight without packaging: 4.7Kg

DISPLAY VOLTAGE



Battery selector button

Positioned to the left for AGM-LiFePo4 / positioned to the right for LTO. Depending on the position, the output current varies.

	CURRENT 10A MAX	CURRENT 10A MAX	CURRENT 10A MAX
←	10A	120A	240A
→	10A	90A	180A