

120VAC to 12VDC POWER CONVERTERS

Boogey Lights LED Controllers are native 12vdc devices. They are designed to work with motorized vehicles in North America. If you don't have 12vdc power available – but you have 120vac available – you can use a power converter to power your 12vdc Boogey Lights.

We currently offer a 5amp, 10amp and 20amp 120vac to 12vdc power converter. *It's important to use the correct amperage for your lighting application.* Do not overload the LED controller or the power converter with more LEDs than what either are rated for.



For the 5A and 10A converters, there will be two wires coming out of the converter (not including the wires that plug into a standard US 120vac wall outlet). One of those wires will be BLACK which is ground. The other will either be RED or WHITE which is the 12vdc positive. For 20A converters, there will be four wires (2-red, 2-black). Twist the 2 reds together and twist the 2 blacks together. Black = Ground. Red = 12vac positive. Regardless of the amperage rating, the BLACK wire(s) coming out of the power converter connect to the BLACK wire (ground) going into the LED Controller. Connect the RED (or WHITE) coming from the power converter to the RED (12vdc hot, fused) input going to the LED Controller.

NOTE: If you are unsure about working with 120vac or 12vdc power or the instructions above, we urge you to seek assistance from a qualified electrical expert before proceeding further. Understanding 12vdc power is a critical skill required for installing this power converter as well as properly wiring Boogey Lights LED products.