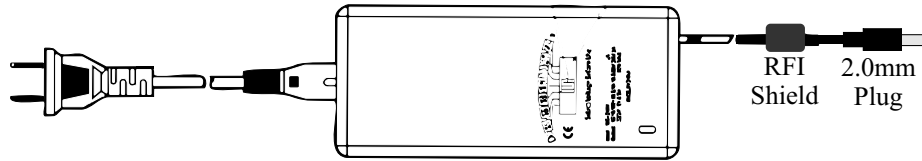


Universal DC Power Supply - ST-008-101

AC Input 100 to 240 VAC 50/60Hz

Output Power 120 Watts



Input AC Voltage: This is a universal supply suitable for all primary voltages found throughout the world. The supplied plug fits most European wall outlets. However, feel free to remove the plug and attach one that fits your wall sockets.

Output Voltage Select: Before using the power supply, select the desired output voltage using the slide switch. Once selected, remove the appropriate voltage selector cap and snap it in place. This is not mandatory but prevents accidental changing of the output voltage.



Recommended Output Voltage: Use the 15 Volt setting for HO and O railroads. For LGB, use 18V. Always use the lowest possible setting since the higher the voltage, the lower the available current.

Available Power and Current: The maximum power output is 120 Watts. To determine the maximum available current, divide the power rating (120W) by the selected output voltage. For example, with the 15V setting, up to 8 Amps can be supplied. However, your specific booster will have its own maximum rating which may be less than the maximum available from the power supply.

Operating Temperature: Under maximum continuous load, the power supply will become hot. Keep the unit free of anything that will obstruct air flow around the unit. Do not embed the power supply inside a sealed container. It must have airflow to achieve maximum power.

Protection: The power supply is protected against overloading, short circuits and overheating. The output will shut down should any of these faults occur and automatically reset when the fault is cleared.

Power Indicator: There is a small green LED on the front of the unit. When AC power is applied, it will turn on.

DC Power Cord and Plug: The heavy duty plug uses a 2.0mm to 2.1mm jack. For devices with terminals instead of a power jack, the plug and the large RFI shield may be cut off and the wires stripped and tinned. Solder a length of stranded hookup wire to the shield wire and cover the entire end of the cable with heatshrink tubing.

