

SPECIFICATIONS

Output Voltage	13.5V (or 19V)
Output Current	7.5A (or 5.3A)
Power (Watts)	100W max
Line Regulation	< +/- 3%
Voltage Tolerance	< +/- 5%
Ripple & Noise (mV p-p)	< 100mV
Rated Input Voltage	100 - 240Vac (50/60hz)
Full Input Range	90 - 264Vac (50/60hz)
Efficiency	≥ 86% (Level VI)
Input Current (RMS, Max)	2.0A (0.50mA leakage)
Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 80°C
Safety Approvals	UL/CUL, TUV-GS
EMI Standards	FCC Class B, CE
Dimensions	(W)65 x (H)142 x (D)35
Weight	385g (without C13 lead)

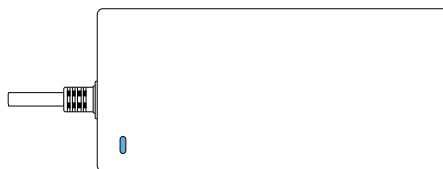
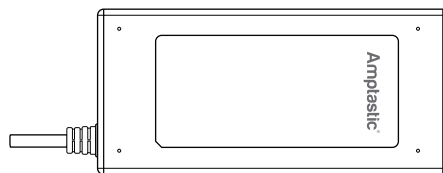
CORRECT DISPOSAL

This marking indicates that this product should not be disposed with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal and to conserve material resources, this product should be recycled responsibly.



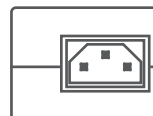
To dispose of your product, please use your local recycling, return and collection systems.

TECHNICAL DRAWING



The PSU-1 is fitted with an earth connected IEC-C14 AC socket.

International safety compliances are listed on base of the unit.



WARRANTY

The Amptastic PSU-1 has a non-transferrable 1-year RTB warranty (from the date of first purchase) against defects resulting from faulty manufacture or faulty components.

The manufacturer can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair, neither can they accept responsibility for damage or loss occurring during transit to or from the person claiming under the warranty. The warranty does not cover transportation costs at any time.

Amptastic®

PSU-1

Safety & User Guide

WHAT'S IN THE BOX?

- Amptastic PSU-1 power supply unit
- Safety & user guide
- IEC power lead (optional)

INTRODUCTION

The Amptastic PSU-1 power supply is a high quality, low noise, audio optimised power supply unit.

Designed to work in harmony with Class-T and Class-D mini amplifier equipment, the result is a more defined and rounded sound output compared to low cost bundled supplies.

Using the very latest technology we provide to you a device that aims for linear-esq sonics whilst retaining the energy efficiency and portability found in switch mode.

Finding the perfect match for modern mini HI-FI has not been easy. Many years of experience, months of listening and careful refinement have gone into the development of the PSU-1.

The minimal external design of the unit, weight, heavy gauge DC cable and "Amptastic blue" status LED help to immediately set this unit apart from the competition from the moment it is held in the hand.

When it comes to improving the sound of a Class-T or Class-D amplifier, we hope you look no further than the PSU-1 and enjoy it for many years to come.

Thank you for your purchase.



SAFETY PRECAUTIONS



Correct equipment handling

To avoid accidental damage and prevent electrical shock, disconnect power cord from live power source before removing AC cable from unit.



Avoid electric overload

To avoid electric shock or fire hazard, do not apply a voltage to the unit outside of specified ranges. Do not modify or short circuit. No serviceable parts inside.



Use grounded AC power cable

To help prevent electric shock, plug the AC cable into properly grounded electrical outlets. Supplied cables are equipped with three-prong plugs to help ensure proper grounding. PSU-1 is a Class 1 device.



Do not use in a wet/damp environment

For example, near a bath tub, sink, or swimming pool or in a wet basement. This unit is not designed for outdoor use.



Avoid placement near sources of heat or in fully enclosed spaces

When operating, a small amount of power will be converted into heat. In the case of a heavy load, or high ambient temperature, the unit will become warm to touch. It is important to avoid placement near sources of heat, such as radiators, or in an enclosed space with no ventilation.

For all other safety/technical queries, contact **Support**. Alternatively, please seek online electrical safety advice.

INSTALLATION

- 1 Remove PSU-1 from packaging**
Carefully set aside packaging for recycling
- 2 Ensure all safety/environment precautions have been observed**
Safety precautions are listed opposite.
- 3 Connect AC cable to PSU-1 unit**
Ensure AC cable is in tact and not damaged.
- 4 Connect DC cable to amplifier unit**
The DC plug should fit firmly in the socket.
- 5 Connect AC cable to wall socket**
The wall socket should be switched off (if possible).
- 6 Switch on amplifier unit***
The wall socket may need to be switched on first, ensure the blue LED is lit.

*Use only with compatible audio equipment, full support list available on Amptastic.com