



Over Power
Protection



Over Current
Protection



Over Voltage
Protection



Over Temperature
Protection



Short Circuit
Protection



Short description of the product

ULTIMATE series is a line of power supplies with high parameters, meeting the highest hardware requirements. All power supplies of this series meet the requirements of 80+ standard and are characterized by increased operational stability. They are components for mounting computer sets.

The product is adapted to supply voltage in the range of 230 V.

The power consumption of powering components can not exceed the power supply nominal current.

The product is compatible with the applicable national and European requirements.

Symbols explanation:



There is a particular danger connected with service.



There is a risk of losing health or life (e.g. by electric shock).



Important tips and information.



The CE standard description on the product is the manufacturer's declaration that the marked product meets the requirements of the directive so-called The "New Approach" of the European Union (EU). For security and certification (CE) reasons, the device can not be rebuild or change in any way. In the reason of using the power supply for other purposes than those described, the product may be damaged. The incorrect use may also cause hazard such as short-circuits, burns, electric shocks, etc. Read the users manual carefully and keep it for later use. The product could be share to third partie only with the user manual included.



Product accordance with the EU directive 2002/96/EC. The symbol of the crossed out basket placed on the product means that the marked product can not be disposed of with other household waste. After use, the product must be return to collection point for used electrical and electronic equipment or to the seller. Appropriate segregation of rubbish for subsequent processing, recovery or descruption contributes to avoiding negative effects on the environment and health, and also allows the recovery of raw materials from which the product is made.



The RoHS mark on the product is the manufacturer's declaration that the marked product meets the requirements of the EU Restriction of Hazardous Substances (2002/95/EC) directive, which aims to reduce the amount of hazardous substances penetrating into the environment from electrical and electronic waste.



The II protection class device. It provides protection against electric shock against direct and indirect contact, and thanks to the additional isolation it is not necessary to connect the device case with the protective earth conductor.



The device is intended only for domestic use, indoors.

Safety Precautions



The assembly should be carried out by persons with appropriate technical knowledge of PC construction.



Connecting components whose demanded power is greater than power of the power supply, can cause battery failure or even damage (burn) of power supply.



An electrostatic discharge occurs when two objects touch each other, for example, an electric charge that occurs when a user touches a metal door handle after walking on a carpet. Discharging electrostatic charges from fingers or other electrostatic conductors can damage electronic components. To avoid damaging the computer, abstain from touching electrical outlets, wires and electronic circuits. The user's contact with electronic components should be kept to a minimum.



The manufacturer of the product is not responsible for damage or insults caused in effect of disobeying the safety instructions and informations contained in these user manual.



- Keep the product and the packaging out of range of children and animals. The package includes a foil that a child could choke while playing.
- It is forbidden to apply the mechanical load to the product - strong shocks, impacts, dropping or crushing may cause its damage.
- The product operation in adverse conditions is not allowed. Adverse conditions are primarily: exposure to direct sunlight, high or very low ambient temperatures, strong vibrations, high humidity, surrounds of gases, dusts or flammable and aggressive liquids.
- If the product has been damaged, does not work properly or has been stored for a long period of time in bad or unfavorable conditions, safe operation of the device is not possible. It is essential to stop using the product and to protect it against re-use for security purposes.
- Product and power cord should not be touched with moist or wet hands under no circumstances.
- Short-circuiting the current connection is prohibited.
- Make sure that the power cord is not crushed, bent, twisted, rubbed against sharp edges or mechanically loaded in any other way. Avoid thermal load of the cable - in particular keep away from heat sources (such as stoves, radiators, fireplaces).
- Power cords should be laid in such a way as to eliminate the risk of stumbling or hooking over.
- It is forbidden to modify the power cord. In the case of modifications, the cable may be damaged, causing threats to life, health and property.
- Before connecting the adapter to the mains socket, make sure that the voltage specified on the power supply matches voltage supplied to the household socket.
- Mains plug should be disconnected from power socket if the product is not in use for a long time.
- When disconnecting the power cord from the socket and from the device, do not pull on the cord, but only on the part of the cable plug provided for this purpose.
- In case of any doubts regarding operation, safety or connection of the product, please contact the manufacturer or a qualified specialist for this purpose.
- All maintenance, adjustment and repair work on the product may only be carried out by a qualified person in a specialist facility.

Power Supply Instalation Guide

In case of replacement of an old unit:

- Disconnect all power plugs from the computer,
- Remove the computer housing,
- Disconnect all power connectors of the old PSU,
- Unscrew 4 screws holding the old PSU on the back of the computer.

Installation of new Power Supply:

- Screw new power supply to the case using 4 screws,
- Connect power connectors of a new PSU to suitable devices inside of the computer,
- Please remember that power connectors are intended for assembly in one particular way, if there are problems with connection of plug and connector then reverse it and try again,
- Make sure that there are no loose screws left inside the computer,
- Put on and tighten the computer case,
- Connect the power cord plug to an electrical outlet.

Cleaning the power supply



Disconnect the power supply from the electrical socket and connected devices before cleaning.



- Use compressed air for cleaning the power supply.
- Do not use abrasive or chemical cleaners.