

Qoltec[®]



SAFETY WARNINGS FOR USE POWER SUPPLIES FOR LEDS

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

The LED power supplies on offer from manufacturer NTEC sp. z o.o. are CE certified, which proves their compliance with EU safety standards.

Use LED power supplies according to their intended use and manufacturer's recommendations.

BASIC HAZARDS AND PRECAUTIONS

1. ⚡ Risk of electric shock:

- Improper installation, maintenance or operation of the power supply unit can lead to electric shock.
- Work on the unit should only be carried out by people with the appropriate knowledge of handling and installing LED power supplies.
- The power supply should be switched off and disconnected from the power source before any service work.

2. ⚡ Risk of short circuit and overload:

- Incorrect connection of the power supply to the electrical system can lead to a short circuit or overload of the circuit, which can damage the power supply or other system components.
- Ensure that the power supply is appropriately sized for the LED power requirements to avoid overloading.
- Using a power supply that is too low in power in relation to the LED demand can lead to overheating or damage.

SPECIFIC HAZARDS OF USE

3. ⚡ System compatibility:

- The power supply must be compatible with the LED modules, taking into account voltage, current and output power to ensure correct operation.
- The use of incompatible power supplies can lead to malfunctions, flickering, damage to the LED modules or the power supply.
- Ensure that the power supply supports the required parameters for the specific lighting system.

4. ⚡ Environmental risks and working conditions:

- The waterproof power supply should be installed according to its IP protection class to ensure protection against water and moisture.
- Using the power supply under unsuitable conditions (not in accordance with the IP class described in the device specification) may lead to damage to the device and risk of electric shock.
- The power supply should be placed in a well-ventilated area to avoid overheating, especially in heavy-duty systems.

5. ⚡ Safety during assembly and disassembly:

- When installing or removing the power supply, appropriate personal protective equipment such as insulating gloves must be worn to avoid electric shock.
- Ensure that the system is disconnected from the power source before starting assembly or disassembly.

- Care must be taken when connecting power cables to avoid short circuits and damage.

MAINTENANCE PRECAUTIONS

6. Maintenance:

- Regular inspections of the power supply are essential to detect possible damage, such as burnouts, overheating, wear and tear on components.
- Avoid using aggressive chemicals to clean the power supply. Instead, use dry, soft cloths.
- Check the condition of the cables and connectors to ensure there is no damage that could lead to system instability.

7. Storage:

- The power supply should be stored in a dry, clean place, protected from dust, moisture and extreme temperatures.
- Avoid storing the power supply in areas exposed to extreme temperatures, which may affect its performance and durability.
- Store the power supply in its original packaging or in suitable protective conditions to prevent mechanical damage.

ADDITIONAL WARNINGS

8. Child endangerment:

- The appliance should be installed out of the reach of children and untrained persons to avoid accidental contact with electrical components.

9. Avoid modifications:

- Do not attempt to modify or repair yourself the product. In case of problems, contact the manufacturer or its authorised service centre.

10. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- If you observe any unsafe product behaviour, contact the manufacturer urgently.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

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