

**IMPORTANT INFORMATION****GM/GMH High Voltage Power Supplies: Safety Instructions**

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This power supply is intended for mounting on a printed circuit board (pcb) and for use as a component in other equipment. It is designed for professional use in an indoor, non-explosive, non-corrosive and mainly non-conductive environment. It complies with the requirements of the Low Voltage Directive 72/23/EEC by complying with BSEN60950 (subject to the installation requirements of this standard) and is CE marked accordingly.

The product has been manufactured in an ISO9001 quality management approved facility to ensure continuity of the safety build standard. It leaves the factory in a safe condition.

Before connecting and operating the power supply read carefully the following safety measures. If you do not understand the information given below do not use the power supply. Contact HiTek Power for advice

1. The power supply is capable of producing hazardous voltages which, under some circumstances, may be fatal.
2. When mounting the power supply on a pcb ensure that all distances between the components, fixings etc and the power supply comply with the requirements of EN60950.
3. The output high voltage and load must not be accessible to the user. Ensure that the equipment enclosure housing the high voltage has suitable interlocks to prevent contact with the high voltage. Ensure that the creepage and clearance distances between the high voltage output and the enclosure meet the requirements of EN60950. Ensure that the 0V is securely connected to a protective earth.
4. Before removing or touching the high voltage output and load ensure that the input dc supply is OFF and all high voltage parts are fully discharged.
5. The power supply must be connected to a source, which affords the required level of protection demanded by EN60950. This is especially true if the operator is allowed access to the input dc supply.
6. It is recommended that the power supply is operated from a source that provides overcurrent protection either electronically (eg current foldback) or electrically (e.g. fuse). Typically a fuse value in the range of 1A to 2A is suggested, subject to suitability of application.

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7. On some variants 100V of electrical isolation is provided between the input and output. This isolation capability is purely functional and must not be considered or used as a safety feature.
8. Provide adequate ventilation of the power supply to ensure that possible ozone build up will be kept to a safe level.
9. There are no user serviceable parts in the power supply. If it fails to operate or looks damaged it must be returned to HiTek Power, or to an HiTek Power authorised service centre for repair.

**For further questions please contact:**

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