



FEATURES

- **0.6W output power**
- **Compact**
- **Lightweight**
- **High reliability**
- **Single or Dual tracking outputs available**
- **RoHS Compliant to EU Directive 2002/95/EC**
- **CE Marked (LVD)**

DESCRIPTION

The Series GMH8 is part of a range of compact DC-DC converters developed to fulfil the specific requirements of continuous ink jet printers. The Series GMH8 is also suitable for general electrostatic and electron beam deflection and focussing applications.

HiTek Power's ink jet printer DC-DC converters supply a source of reliable high voltage critical to the performance of continuous ink jet printers. All models are internally protected against flashover.

SPECIFICATION

The **Model GMH8-23P-07** is a compact, lightweight unit providing a positive polarity output for new generation print heads that do not require dual polarity. Two outputs are provided so that dual print head machines can operate with only one power supply module.

The **Model GMH8-23P-30** is a compact, single output, lightweight unit providing a positive polarity output for new generation print heads that do not require dual polarity.

Output Power:

0.6W max.

Output Voltage Range:

0 to 8kV DC max (output proportional to input).

Outputs:

GMH8-23P-07 Dual tracking outputs, both positive polarity
 GMH8-23P-30 Single output, positive polarity

Input Voltage Range:

0 to 23V DC.

Input Current:

Typically 50mA with input set to 23V and an output load of 1GΩ.

Output Connectors:

Standard high voltage sockets.

Mating half: moulded plugs with wire are available separately. Please contact the sales team for more information.

Safety feature:

20MΩ impedance in series with each output.

Safety:

This DC-DC converter meets the requirements of the Low Voltage Directive (LVD) -2006/95/EC, by complying with BS EN60950 when it is installed as a component part of other equipment and is CE marked accordingly.

RoHS:

The Series GMH8 meets the requirements of EU Directive 2002/95/EC on the Restriction of use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).


Mechanical Specification (for both units):

Dimensions: See outline drawing.

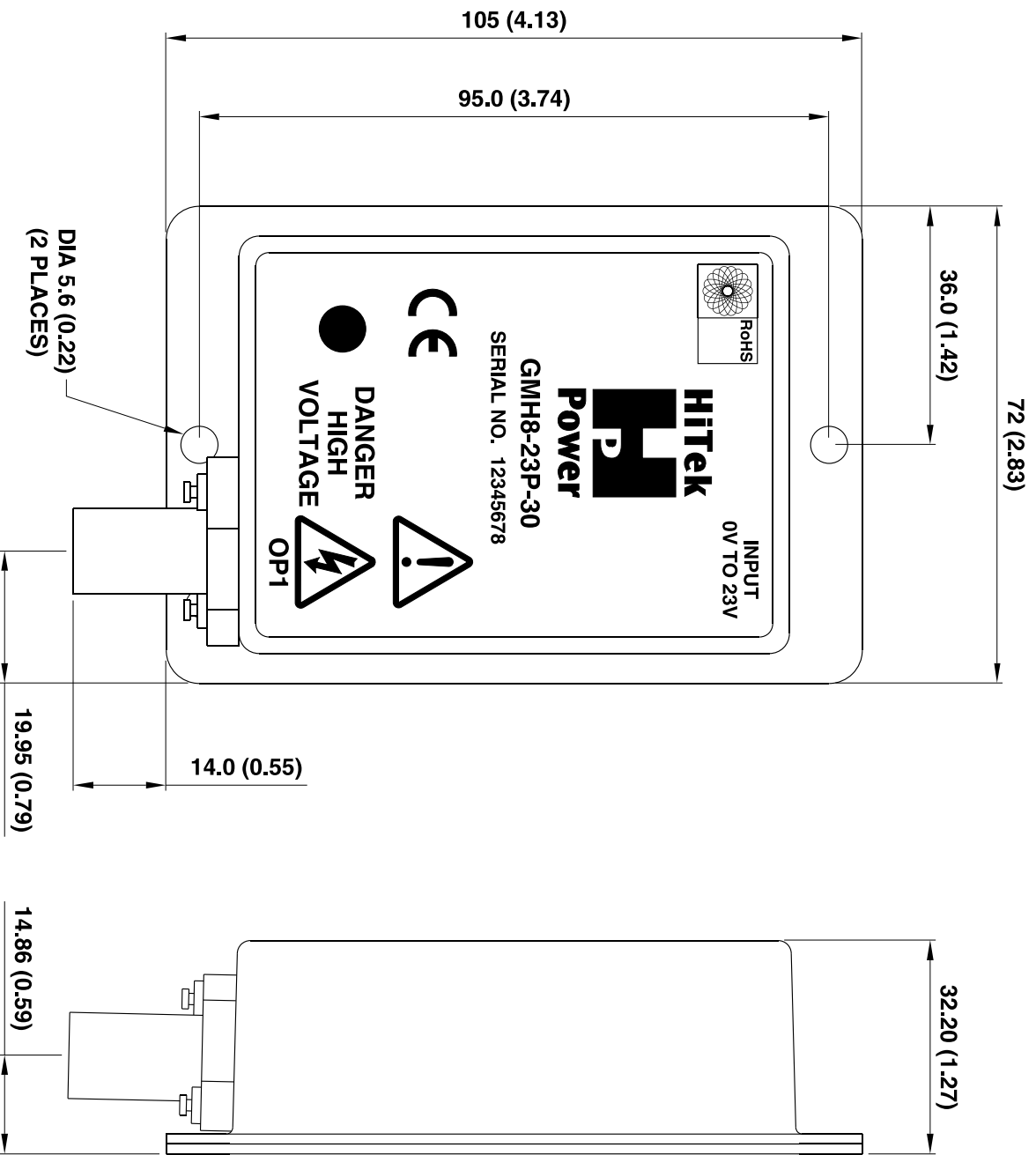
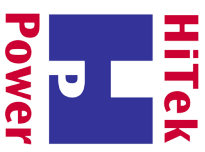
Weight: 80g (3 oz)

Outputs and ordering information:

Model no	Input Voltage	Output Voltage	Output Power
GMH8-23P-07	0 to 23V	0 to 8kV	0.6W
GMH8-23P-30	0 to 23V	0 to 8kV	0.6W

 These component power supplies meet the requirements of EC Directive -2006/95/EC (LVD).

Series GMH8 INK JET PRINTER POWER SUPPLIES



Drawing dimensions are in mm (inches)
Design developments may result in specification changes

HiTek



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