# GENERATORS

## IONFIX
## STATIC GENERATOR

The IONFIX Static Generator supplies the high voltage for industrial electrostatics applications - such as temporary adhesion, hole detection, product charging and material separation.

Using the latest high voltage technologies IONFIX sets new standards in performance, control and ease of use.

IONFIX has been designed for manual use or for complete integration within a process. IONFIX provides a full range of features and capabilities in a compact and versatile construction.

## Benefits and Advantages

### Performance

- 0 to 30 kV
- 20 Watts of power, giving 1 mA at 20 kV and 0.67 mA at 30 kV.
- Four output connections.
- Available in positive or negative polarities.
- Fast rise and fall times.

### Electrical

- Supply: Models available with 24 V DC or 85 - 264 V 50/60 Hz.
- Remote operation and signals through 25-way D type connector.

### Mounting

- Versatile mounting brackets and the 180° rotation of display allow mounting on bench, under bench or on wall.

### Control

- The clear, simple keypad controls, with dedicated buttons, are easy to use and satisfy the most demanding users.
- The user interface has a large, clear display with precise running information and fault analysis.
- Large, clear LEDs show the operating status.
- Remote operation is available for on/off, adjustment of voltage and adjustment of current limit.
- The industry standard remote interface is easy to link with process controls / PLCs.

### Reliability and Safety

- Protected against overload, short-circuit, sparking and mis-wiring.
- Multiple levels of safety circuitry.
- Designed to comply with harmonised safety standard EN 62368-1:2014.
- Connectors rated at 60 kV.



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## Specification

### Construction:

- 1.5 mm powder coated steel.
- Flexible mounting brackets.
- Modular design for easy replacement of parts over a long life.

### Installation

- Dry, oil-free location.
- Ambient max. 50°C, 70% RH, non-condensing.

### Approvals:

- Low Voltage Directive: 2014/35/EU.
- EMC Directive: 2014/30/EU.

### Electrical:

IONFIX-DC :

24 V DC, 2 A.

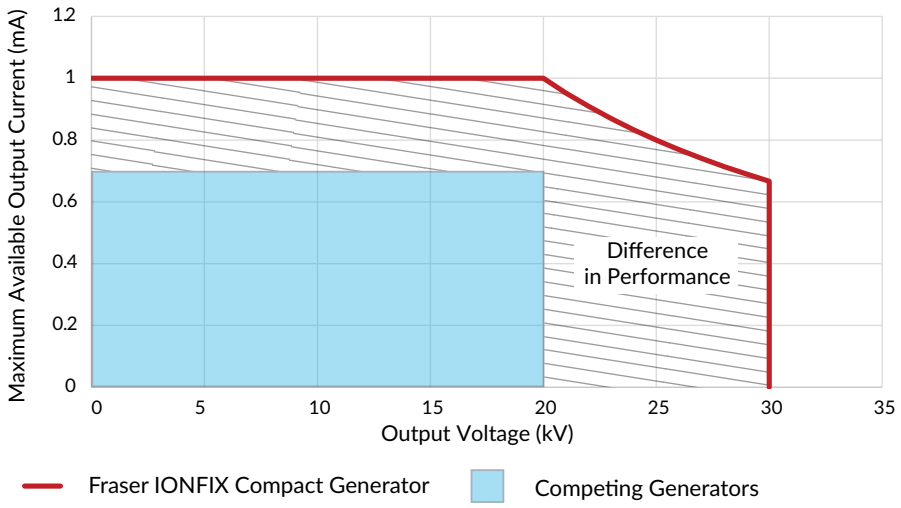
Terminal block and 5 m cable supplied .

IONFIX-AC:

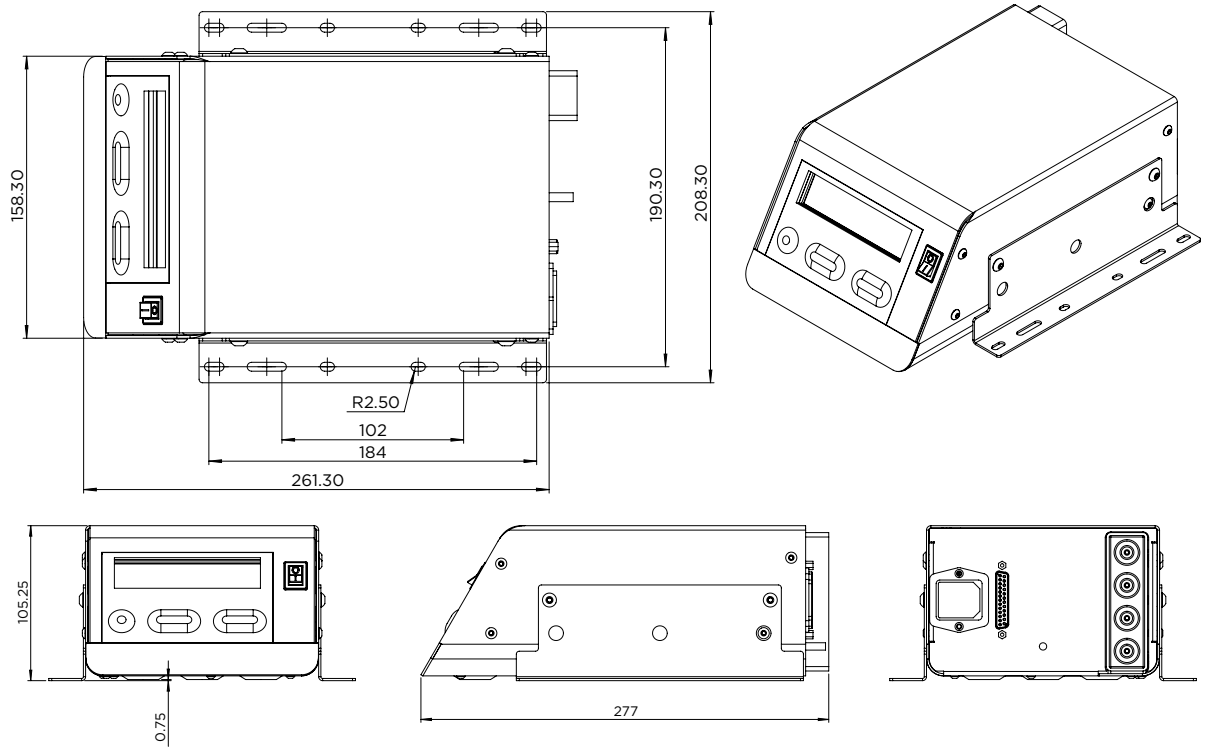
85 - 264 V 50/60 Hz AC 1 A.

IEC 320 C14 inlet and connector.

This sketch shows the unique power distribution of the IONFIX Generator




## IONFIX Dimensions



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