

## ZGF HV DC GENERATOR

Sheet No: 0267-06

### Features:

**Portable, rugged, reliable and contains all features needed for electrical maintenance testing of new or installed electrical apparatus.**



Continued page 2

## Application

ZGF HV DC GENERATORS are used for DC proof testing of high voltage equipment in power engineering. Routine testing of the insulation and leakage is a necessary requirement for surge arresters. Other areas include: Cable breakdown testing, capacitor charging and general laboratory use.

## Main Features

- Switched-mode technology utilizing pulse width modulation to control the output voltage accurately.
- The divider is an integral part of the unit with external surge limiting resistor.
- Zero start up. Audible alarm and LEDs for breakdown and over voltage occurrences.
- High voltage components are air insulated and housed in light weight insulated tube.
- Aluminum alloy cabinet.
- Small dimension. Low weight. Carried conveniently.

## Technical Data

- Supply power: 230V±10%
- Output voltage: As per model
- Output current: As per model
- Ripple factor: 0.10%
- Accuracy and stability of HV adjustment: 0.5%
- Measurement accuracy of voltage and current: 1.5%±2 digit
- Rating: Intermittent (Max. 30 minutes at full load)
- Environment temperature: -15°C~45°C
- Relative humidity: unlimited
- Relative altitude: unlimited

Model	ZGF-30-5	ZGF-40-5	ZGF-60-5
Voltage output	30 kV	40 kV	60 kV
Current output	5 mA	5 mA	5 mA
Trip current	7.5 mA	7.5 mA	7.5 mA
Dimension (cm)	28×27×31	28×27×31	31×30×33
Weight (kg)	9.5	10	14.5

-----