

DE1

Multi-Function Integrated High-Voltage Generator



- Portable integrated DC high-voltage source for cable fault testing, featuring light weight, rugged durability, and casters for easy transportation;
- DC High-Voltage Output: 0–32 kV (negative polarity), Maximum Output Current: 30mA;

Features:

- Integrated design with compact size and light weight.
- External ball gap and capacitor: The ball gap is directly fixed to the capacitor electrodes, ensuring ease of use. Each individual component is lightweight, suitable for field operations.
- Dedicated high-voltage cables and built-in high-voltage output terminals simplify wiring for enhanced convenience, safety, and reliability.
- Directly displays capacitor voltage for accuracy, preventing overvoltage on low-voltage cables.
- Clean panel layout with clear, aesthetically pleasing meter display. Simple and intuitive operation allows easy mastery even for first-time users.

Technical Specifications:

- Rated Input Voltage: AC 220V
- Rated Input Power: 700VA, 1.5KVA for 5 seconds
- Rated Input Current: AC 3.18 A (Continuous);
AC 4.59 A for 15 Seconds;
AC 6.36 A for 5 Seconds
- Input current display accuracy: Class 1.5
- Ball gap adjustment range: >25mm
- Ball gap breakdown voltage: 2-3 kV/mm
- Rated Output Voltage: DC 0-35 kV
- Output high voltage display accuracy: Class 1.5
- Rated Output Current: DC 30 mA;
- External Capacitor Capacity: < 20 μ F
- High-Voltage Surge Frequency: < 3-10 Times per Second

