

DC High Voltage Testers (HIPOTS)-Series DPW

Sheet No: 0267-06

Features:

- **Portable:** light weight, rugged, reliable
- **Digital readout** of test voltage in kV, leakage current in μA / mA
- **Contains all features** needed for electrical maintenance, testing of new or installed electrical apparatus.



Application

DPW testers 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%

Meters: LED digital readouts for

kV: Single range.

mA: Double range μA / mA.

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	DPW-20-5	DPW-30-5	DPW-40-5	DPW-60-5
Voltage output	20 kV	30 kV	40 kV	60 kV
Current output	5 mA	5 mA	5 mA	5 mA
Trip current	7.5 mA	7.5 mA	7.5 mA	7.5 mA
Dimension (cm)	28×27×31	28×27×31	28×27×31	31×30×33
Weight (kg)	9.5	9.5	10	14.5