

Impulse Voltage (Voltage Surge) Generator

VSG 1200H

Datasheet



In Compliance with

- > IEC 60060-1
- > GB/T 5729:2003

Introduction

The impulse voltage generator VSG 1200H is designed according to IEC 60060-1 etc for impulse voltage / surges immunity tests on the performance of (1) voltage withstanding of electronic components, plugs, sockets, cables etc, (2) safety of audio, video devices, (3) instantaneous overvoltage protection of protective relays.

Features

- > 5.7" color touch screen front panel
- > High capacity up to 12 kV, mini size
- > Built-in warning and control system
- > EUT breakdown alarming function
- > Superior quality, ideal substitute for imported similar products

Application Areas

- > Telecom
- > IT
- > Pharmaceuticals
- > Broadcasting
- > Train & rail transit
- > Military
- > Avionics
- > New energy

Technical Parameters	
Test Voltage	12 kV ($\pm 10\%$), can be customized
Waveform	1.2 μs $\pm 30\%$, 50 μs $\pm 20\%$
Waveform Shaping Capacitor	2 μF
Internal Resistance	37.5 Ω $\pm 10\%$
EUT Breakdown Alarming Current	300 mA – 1,200 mA
Output Polarity	+, -, + / -
Pulse Period	5 s – 99 s
Triggering Mode	External / automatic / manual
No. Of Pulses	1 – 10,000

General Parameters	
Display	5.7" TFT touch screen
Power supply	AC 110 V / 220 V, 50 / 60 Hz
Fuse	6 A
Max Power	200 W
Operating Temp.	15°C - 35°C
Operating Humidity	45% - 75%
Operating Air Pressure	86 kPa – 106 kPa
Dimension	19", 4 U
Weight	Approx 30 kg

Standard Accessories	
Testing Wire	1 pc
Power Supply Cable	1 pc
Fuse	1 pc
Quality Guarantee	1 pc
Factory Inspection Report	1 pc
User Manual	1 pc

Optional Accessories	
Control software	EMSLab: Supporting Windows XP/7/above, graphic UI, powerful standards library, easy test setup, test sequencing and scheduling, automatic execution, easy test report generating.



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