



Compliant with Standards

- IEC 61000-4-4
- EN 61000-4-4
- GB/T 17626.4

ES-415A Single-Phase EFT/Burst Generator

Meets IEC 61000-4-4 Electrical Fast Transient (EFT/Burst) Immunity Test Requirements

Features

- EUT capacity: AC: 0~220V/16A, DC: 0~110V/16A
- Burst output voltage range: 0.2kV-5kV
- 10.1-inch smart capacitive touchscreen, easy to operate
- Built-in single-phase three-wire automatic coupling/decoupling network
- Uses semiconductor switches with smooth waveforms
- Supports custom parameter setting and saving
- Stable and reliable performance
- Automatically stores test reports
- Built-in IEC standard library

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Technical Parameters

Test Item	EFT/Burst Immunity
EUT Capacity	AC: 0~220V/16A DC: 0~110V/16A
Pulse Voltage	0.2kV-5kV
Voltage Resolution	1V
Output Polarity	Positive, negative, + then -, - then +
Source Resistance	50Ω
Frequency Range	0.1kHz~1000kHz, standard frequencies 5kHz and 100kHz
Standard Frequency	0.1 kHz – 1000 kHz (IEC standard: 5 kHz / 100 kHz)
Frequency Resolution	0.1kHz
Rise Time	5ns
Pulse Width (50Ω)	50ns
Pulse Width (1kΩ)	35ns~150ns
Pulses per Burst	1~500
Burst Period	15ms~9999ms
IEC Standard	Built in; call up directly for testing to standard requirements
Control Interfaces	Supports RS485 and LAN
Coupling/Decoupling Network	Single-phase three-wire (built in) / DC (compatible)
Operating System	Android
Display	10.1-inch smart capacitive touchscreen
Ports	HDMI, USB, BNC, etc.
Operating Environment	Temperature: 10°C~40°C, Humidity: 30%~70%
Power Supply	AC: 110V/220V @ 50Hz/60Hz
Dimensions	4U/19" standard chassis
Weight	10kg

Applications

Power equipment
Industrial automation equipment
Renewable energy systems
Railway and transportation electronics
Household appliances
Instrumentation



Main unit 2-year warranty



24-hour x 365-day service



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