

# Ring wave simulator

# RWS 600



As per
> IEC61000-4-12
> ANSI/IEEE C62.41

## Description

Ring wave interference on electronic line, control line and signal line can be caused by transient due to switch of mains and controlled switch or lightning strike. RWS 600 is designed to conduct immunity test for electronic and electrical device.

## Features

- > 5.7 inch color touch screen front panel operation
- > ultra-compact simulator up to 6.0KV
- > internal three-phase CDN, current up to 16A
- > LAN Ethernet port for remote control

## Industries

- |                 |              |
|-----------------|--------------|
| > Communication | > Technology |
| > Telecom       | > Military   |
| > Medical       | > Avionics   |
| > Broadcast     | > New energy |
| > Railway       |              |

General data	
Display screen	5.7 inch TFT touch screen
Power supply	110V/220V, ±10%, 50/60Hz, default AC 220V 50Hz
Fuse	6A
Max. Power consumption	200W
Size	19 inch/6U
Weight	Approx. 35Kg
Temperature	15–35°C
Humidity	45%–75%
Air pressure	86kPa–106kPa

Technical parameters	
Output voltage for open circuit (PK1)	0.25 kV–6.0kV ± 10%
Oscillatory frequency for open circuit voltage (1/T)	100 kHz ± 10%
Front time for open circuit voltage (T1, 10%-90%)	0.5us ± 30% at PK1
Decay ratio for open circuit voltage	40% < (PK2)/(PK1) < 110%
	40% < (PK3)/(PK2) < 80%
	40% < (PK4)/(PK3) < 80%
Front time for shot circuit current (T2, 10%-90%)	≤1us at P1
shot circuit current (P1) for open circuit voltage(PK1) is 6000V	500A ± 10% at 12Ω; 200A ± 10% at 30Ω
Pulse interval	1s-99s
Number of test	1-9999
Output impedance	12ohm, 30ohm automatic switch
Trigger mode	Automatic, manual and external
Synchronization	0°-360°, 1° step or random
Network path	Internal L1, L2, L3, N, PE, automatic switch
EUT voltage feature	AC 380V, 16A; Max: AC 450V
Test mode	programmable setup of voltage, coupling path, phase angle and other parameters



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