

NETSIMULATOR CURRENT ADAPTOR



Overview

The NetSimulator Current Adaptor is used to generate real current flow from simulated signal in 3phase power networks. It can be used together with Multipurpose IED, Relay Protection and other devices.

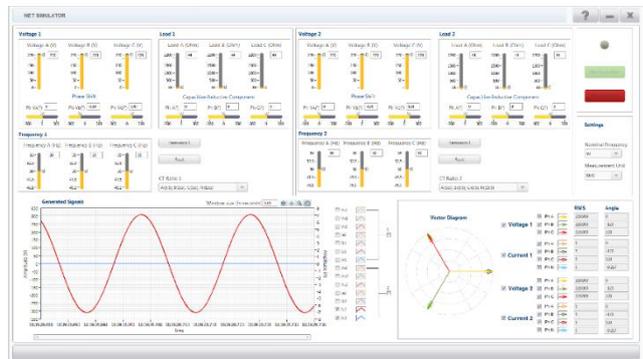
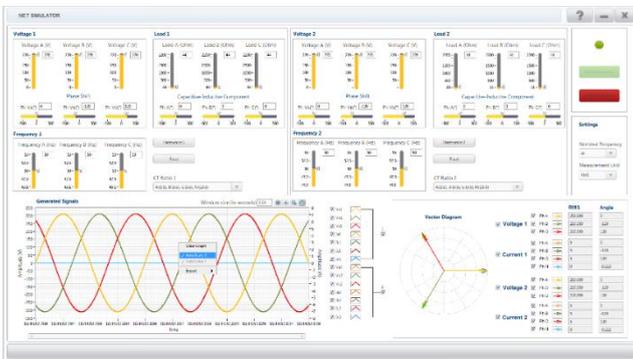
Specifications

Parameter	Value
Inputs	
Number of Input Channels	4
Input Signal	7V RMS
Input Frequency Range	45 – 65 Hz
Input Network Type	50/60 Hz
Input Waveform Type	Sinewave, DC
Outputs	
Number of Output Channels	4
Output Signal	1.5A RMS / 5A RMS
Accuracy	0.5%, $\pm 0.025A$ (after warm-up time)
Output Frequency Range	45 – 65 Hz
Output Network Type	50/60 Hz
General	
Supply Voltage	240 VAC $\pm 2\%$ stabilized grounded network, 50/60 Hz
Power Consumption	300 W (maximum)
Bandwidth	3.84 kHz, 64 th order for 50/60Hz networks
Warm-up Time	10 min
Operating Temperature	15°-25° C
Base Enclosure	Steel
Form Factor	Rack mount, 5U
Environment	Indoor use

Hardware Pictures



Software Screenshots



HARMONICS and INTERHARMONICS 1

Harmonics and Interharmonics

	Level(V)	Phase (°)	Order									
VA	0	0	0	0	0	0	0	0	0	0	0	0
Vb	0	0	0	0	0	0	0	0	0	0	0	0
Vc	0	0	0	0	0	0	0	0	0	0	0	0

Apply

