

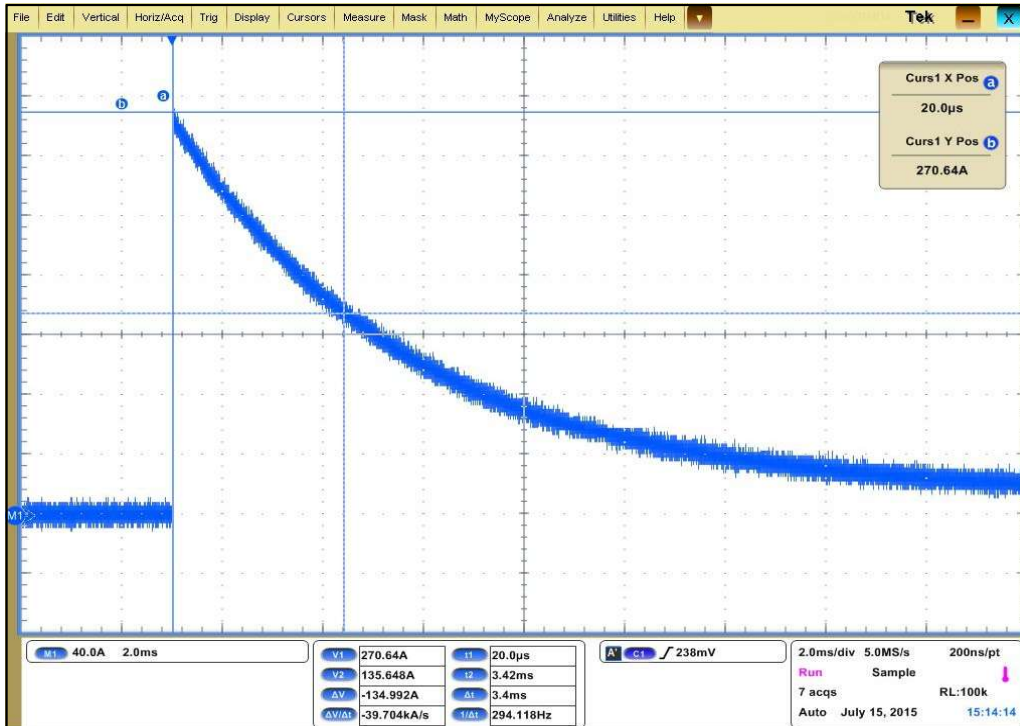
## E2 Pulse Generator (HEMP-E2-270A)

This generator is used to measure the performance of electrical POE and protective devices for E2 intermediate pulse. It produces double exponential pulses of peak current up to 270A, FWHM of 3~5ms, and rise time of <math><1.5\mu s</math>. Also it has the wide current range from 20A to 270A. A important advantage of this generator is convenient operation by touch screen and easy mobility by compact, lightweight.



Parameter	Value
Model Name	HEMP-E2-270A
Standard	MIL-STD-188-125-1&2 (E2 Pulse)
Voltage Range(Open Circuit)	300V~3kV
Current Range(Short Circuit)	20A~270A
Current Pulse Rise Time(Short Circuit)	<math><1.5\mu s</math>
Current Pulse Width(Short Circuit)	3~5ms(FWHM)
Source Impedance	$\geq 10\Omega$
Operation Repetition Time	1 pulse every 30 seconds
Output Connectors	Connecting bar with M5 tap hole
User Interface	Touch-Screen(Built-in Embedded OS)
Power Rating	220VAC / 50Hz~60Hz / 11.8kVA
Storage/Working Temperature	5°C~50°C / 15°C~45°C
Dimension (Controller/Generator)	23×38×7cm / 67×55×23cm
Weight(Controller/Generator)	~2kg / 55kg

■ Measurement Waveform : Peak Current & Pulse Width (Short Circuit)



■ Measurement Waveform : Pulse Rise Time (Short Circuit)

