

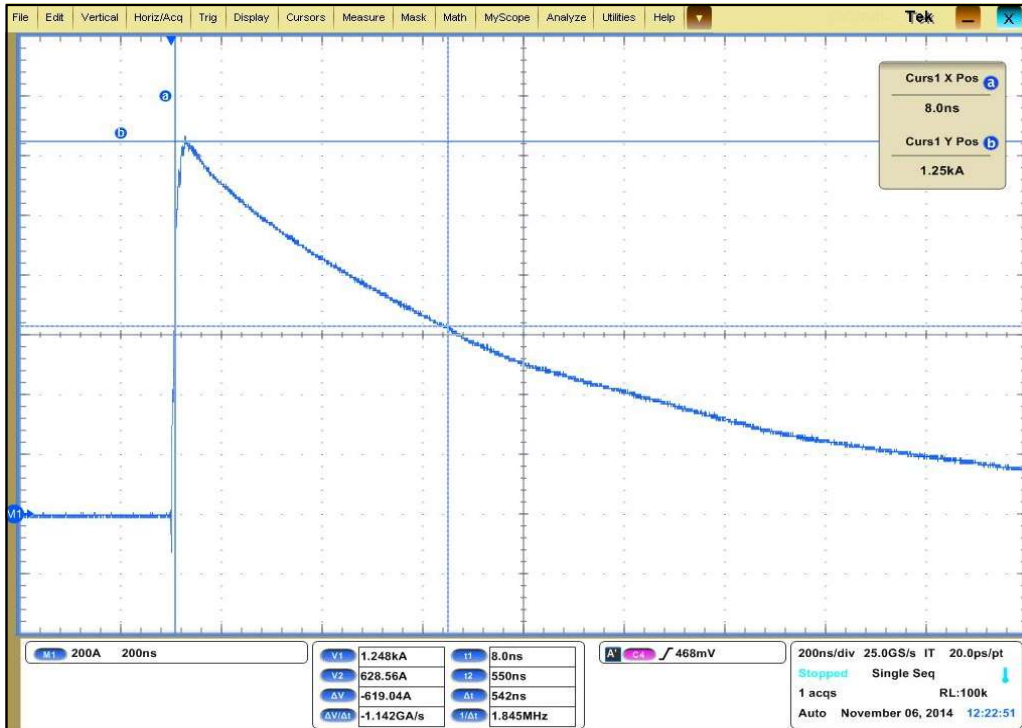
E1 Pulse Generator (HEMP-E1-1KA)

This generator is used to measure the performance of electrical POE and protective devices for E1 short pulse. It produces double exponential pulse of peak current up to 1.2kA, FWHM of 500~550ns, and rise time of <20ns. Also it has the wide current range from 100A to 1.2kA. A important advantage of this generator is convenient operation by touch screen and easy mobility by compact, lightweight.



Parameter	Value
Model Name	HEMP-E1-1KA
Standard	MIL-STD-188-125-1&2 (E1 Pulse)
Voltage Range(Open Circuit)	3kV~80kV
Current Range(Short Circuit)	100A~1.2kA
Current Pulse Rise Time(Short Circuit)	<20ns
Current Pulse Width(Short Circuit)	500ns~550ns(FWHM)
Source Impedance	≥60Ω
Operation Repetition Time	1 pulse every 15 seconds
Output Connectors	Connecting bar with M5 tap hole
User Interface	Touch-Screen(Built-in Embedded OS)
Power Rating	220VAC / 50Hz~60Hz / 150VA
Storage/Working Temperature	5°C~50°C / 15°C~45°C
Dimension (Controller/Generator)	23×38×7cm / 67×55×23cm
Weight(Controller/Generator)	~2kg / 40kg(with oil)
Insulation	Transformer Oil

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



■ Measurement Waveform : Pulse Rise Time (Short Circuit)

