

MegaPulse 1.2x50/8x20-12±2ohm



ELECTRICAL ▾

Output:	Up to 12000 Volts open circuit; controlled by front panel knob and displayed on voltage meter. For 1.2x50/8x20-12+2ohm, polarity reversal is by switching leads. For 1.2x50/8x20-12±2ohm model, positive or negative polarity is chosen via front-panel button.
Voltage Waveform:	Tester Impedance: 2 ohm and 12 ohm taps provided on front panel. 1.2x50us @ 500-12kV Open Circuit: Per EN 60060-1 Figs. 2 and 3 Peak Value: 500-12kV ±10% (independent of meter tolerance) Front time: 1.2uSec ±30% [Trise= 1.67 (T90%-T30%)] Duration: 50uSec ±20% (Time to half-value)
Current Waveform:	8x20us @ 250-6kA (2 ohm tap only; 12 ohm tap output is not defined in EN 60060-1) Peak Value: 250-6kA ±10% (independent of meter tolerance) Front time: 8uSec ± 20% (2 ohm tap only) Duration: 20uSec ± 20% (2 ohm tap only) 2 ohm tap: up to 6000A (peak, short circuit) in accordance with IEC 61010 Table 17. 12 ohm tap: up to 1000A (peak, short circuit) in accordance with IEC 61010 Table 17.
Charge Time:	<30 seconds.



ENVIRONMENTAL ▾

Operating Temperature::	15-40°C
Relative Humidity Range:	0-90% non-condensing



GENERAL ▾

Input Power Requirements:	114-128V, 50/60Hz, 5A
Weight:	150 lbs. approx. Shipping weight 180 lbs.
Dimensions:	24 in. (W) x 30 in. (H) x 23 in. (D)



OPTIONS AND OPERATION ▾

Manual operation:	Operator connects the provided output and return cables to the MegaPulse and the DUT. Operator selects waveform polarity via cable switch or button push depending on model, pushes the CHARGE button on the front panel and waits until the front panel meter indicates full voltage. Operator conducts the test by pushing the TRIGGER button on the front panel.
Options:	RI: Relay isolated relays for connection to customer PLC. TMM: TestMinder allows test to be timed using computer clock and run from a PC using USB. 240, 230 or 220: 240V, 230V or 220V mains operation. BNCV: Voltage BNC 1000:1 (Reference only)



The blue box that tests. And tests.