



# Technical Specifications

(This information conforms to the requirements of MIL-M-7298D)

	Model ST106E	Model ST112E
<b>SURGE TEST</b>		
Output Voltage:	0-6,000 volts	0-12,000 volts
Max Output Current:	380 amps	800 amps
Pulse Energy:	0.72 joules	2.80 joules
Sweep Range:	5-200 microseconds	(same)
Volts/Division:	250/500/1000/2500	(same)
Repetition Rate:	60 Hz (ST106E) 50 Hz (ST206E)	60 Hz (ST112E) 50 Hz (ST212E)
Voltage Measurement Accuracy	+/- 5%	(same)
<b>DC HIGH POTENTIAL (HIPOT) TEST</b>		
Output Voltage:	0-6,000 volts	0-12,000 volts
Max Output Current:	5000 micro-amps	(same)
Current Resolution:	1/10/100 micro-amps/division	(same)
Over-current Trip Settings:	10/100/100 micro-amps	(same)
Voltage and Current Measurement Accuracy	+/- 5%	(same)
<b>PHYSICAL CHARACTERISTICS</b>		
Weight:	42 pounds 22.2 kilograms	48 pounds 25.0 kilograms
Dimensions (W x H x D):	19 x 8 x 16 inches 471 x 191 x 412 mm	21 x 9 x 19 inches 560 x 210 x 480 mm
Power Requirements:	ST106E: 120 VAC/60 Hz/ 118 Watts ST206E: 220 VAC/50 Hz/ 118 Watts	ST112E: 120 VAC/60 Hz/ 350 Watts ST212E: 220 VAC/50 Hz/ 350 Watts

## Power and Utility

Input power must be 110 to 120 VAC at 60 Hz for the ST106E/ST112E or 220 to 230 VAC at 50 Hz (single-phase source only) for the ST206E/ST212E. Please be aware that *fluctuations in input voltage will affect output voltages and calibration.*