



- HIGH VOLTAGE GENERATOR FOR STABLE HIGH POWER APPLICATIONS.
- COMPACT AND SERVICABLE
- HIGHLY STABLE AND REPEATABLE WITH LOW RIPPLE
- LOW STORED ENERGY
- MADE IN THE USA

XRS 3000 GENERATOR SPECIFICATOINS

Parameters	160kV	225kV	320kV	450kV
Output				
DC Output Voltage	0-160kV	0-225kV	0 +/- 160kV	0 +/- 225kV
Max Output Current	30mA	30mA	30mA	30mA
Max Output Power	3kW	3kW	4.2kW	4.2kW
Polarity	Negative	Negative	Bi-Polar	Bi-Polar
Efficiency	>85%	>85%	>85%	>85%
Ripple/Noise (peak-to-peak)	0.1% (160Vpp)	0.15%	0.1%	0.15%
Input				
Voltage Range	230VAC (+10/-15%)	230VA C (+10/-	230VAC {+10/-15%)	230VAC {+10/-15%)
Current Supply	25A	25A	25A	25A
Control AC Input Current	6A	6A	6A	6A
# Phases	1	1	1	1
Line Frequency	47-63Hz	47-63Hz	47-63Hz	47-63Hz
Customer Interface				
HV	R-24 Cable	R-28	2x R-24	2x R-28
Remote Control Interface	Analog/RS232	Analog/RS232	Analog/RS232	Analog/RS232
Control AC Input	EC Inlet	EC Inlet	EC Inlet	EC Inlet
Mechanical/Environmental				
Size	19"W x 10.5"H x 24"D	19"W x 17.5"H x 31.5"D	2x (19"W x 10.5"H x 24"D)	2x (19"W x 17.5"H x 31.5"D)
Weight	150 lbs	250 lbs	270 lbs	475 lbs
Operating Temperature	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C