

NG500 1.3 Gradient Amplifier



1 MVA / 1035V /
1000 AP/380 ARMS



Remote
diagnostics



Extreme
reliable



World class
performance



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Isolated power supply	Min	Typical	Max	Unit
Mains	380		480	VAC +/- 10%
	50		60	Hz
Mains switch included				
Power Factor Correction (PFC)		Unity power factor & low harmonics		
Programmable bus voltage	600		1035	Vdc
Mains input power		48		kVA
Available power to end stage		31		kW per axis
		44		kW for three axes

Output performance	Min	Typical	Max	Unit
Output voltage (at I _{peak})		+/-940		V
Output current		1000		A _{pk}
		380		Arms Continuous or DC
Load range	0.22		4.7	mH
	50		200	mΩ
Patented end stage included				
Integrated output filter (f _{corner} <switching frequency)				

