

# NG500 1.2 Gradient Amplifier



0.6 MVA 990V /  
630 AP/230 ARMS



Remote  
diagnostics



Extreme  
reliable



World class  
performance



# NG500 1.2 Gradient Amplifier

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		990	Vdc
Mains input power		32		kVA
Available power to end stage		14		kW per axis
		28		kW for three axes

Output performance	Min	Typical	Max	Unit
Output voltage (at I <sub>peak</sub> )		+/-940		V
Output current		630		A <sub>pk</sub>
		230		Arms Continuous or DC
Load range	0.22		4.7	mH
	50		200	mΩ
Patented end stage included				
Integrated output filter (f <sub>corner</sub> <switching frequency)				

