

NG1800-XP Gradient Amplifier



1.8 MVA / 1980 V /
900 AP / 360 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	1200		1980	Vdc
Mains input power		90		kVA
Available power to end stage		61		kW per axis
		82		kW for three axes

Output performance	Min	Typical	Max	Unit
Output voltage (at I _{peak})		+/-1900		V
Output current		900		A _{pk}
		360		Arms Continuous or DC
Load range	0.22		4.7	mH
	50		350	mΩ
Patented end stage included				
Integrated output filter (f _{corner} <switching frequency)				

