



1.2 Technical Specifications

Performance Characteristics	
Peak Power	1.1 kW
Peak Output Voltage	± 75 vdc (shut off @ 95 vdc)
Peak Output Current	± 15 amps (1 sec.)
Max. Continuous Current	± 8 amps (50 °C)
	± 10 amps (25 °C)
Electrical Characteristics	
Input Signal Voltage	± 10 vdc (typ.)
	± 35 vdc (max.)
System Gain	0 to 5100 amps/volt
Input Impedance	40 k Ohms
Typical Input Drift	10 µV/°C
Bandwidth	2 kHz with 1.2 mH Inductance
Dead Band	Zero
Input Power Requirements	
Input Voltage	20 - 80 vdc
Adjustments	
Peak Current Limit	0 to 15 amps
RMS Current Limit	0 to 10 amps.
Signal Command Input	Scaling
Balance	Zero velocity offset
Compensation	System response
Tachometer	Scaling
Diagnostics	
	LED indication
Red	LED 1 - BUS OVER VOLTAGE
Red	LED 2 - EXCESSIVE RMS CURRENT/ OVER TEMP
Red	LED 3 - SURGE/GROUND FAULT
Green	LED 4 - RUN GREEN – AMPLIFIER OPERATIONAL
Physical Characteristics	
Module Dimensions	(L x W x H) 137mm x 25mm x 81mm
Weight	318 grams
Ambient Temperature – Operating	0 °C to 50 °C
Shutdown Temperature	80 °C at heat sink
Relative Humidity	5 - 95% non-condensing