

# EA3012A

AC / DC HIGH CURRENT  
TRANSCONDUCTANCE AMPLIFIER



SPECIFICATIONS

Warm Up Time	Double the time since last used up to 20 minutes maximum	
Standard Interface	Transmille Amplifier Interface (9 Pin 'D' Type connector)	
	3.5mm socket for remote thermal cut-out control	
Temperature Performance	Storage : -5°C to +60°C Operation : 0°C to +50°C	
Relative Humidity	Operation : <80% to 30°C, <70% to 40°C, <40% to 50°C Storage : <95%, non-condensing	
Altitude	Operation : 3000m (10,000ft) Maximum Transit : 12000m (40,000ft) Maximum	
Cooling	Internal Fans	
Connections	Current [+]	1x High Current Screw Terminal
	Current [-]	1x High Current Screw Terminal
	Earth	1x Green Safety Terminal
Indicators	Power	Red LED Indicator
	Under Voltage	Green LED Indicator
	Over Voltage	Green LED Indicator
	Over Compliance	Green LED Indicator
Dimensions	22cm x 43cm x 46cm (5U Height)	
Weight	26kg	
Warranty Period	1 Year (Parts & Labour)	
Recommended Service Interval	1 Year	
Supplied Connections	1x Adapter Connection Lead	

AC Output		
Maximum Output	Frequency Range	1 Year Rel. % mA
70A	40Hz to 400Hz	0.08 ± 10mA

DC Output		
Maximum Output	Frequency Range	1 Year Rel. % mA
100A	DC	0.08 ± 10mA

Compliance Voltage
6V pk-pk

Specifications apply at TCal ± 5°C

Outside this range an allowance of 0.18 x 1 Year Spec. per °C should be added.