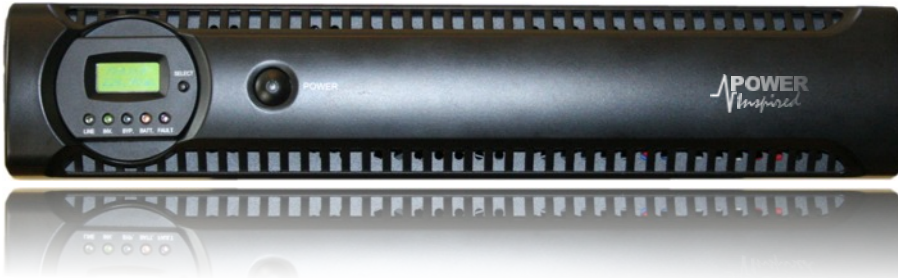


AC ReGenerator

AG Series



Power Inspired's AG Series of AC ReGenerator are true online double conversion systems providing the highest degrees of power protection, with a stable unwavering high quality power waveform for sensitive and critical loads.

Unlike other online units the AG series is practically inaudible making it suitable for where high quality power is required but without the noise, and unlike other systems the bypass is disabled by default ensuring that raw mains power *never* reaches your equipment, only clean pure power at all times.

What's more, the unique Power Inspired circuitry allows the fan speed to be adjusted* to give super quiet operation, ideal for A/V and Studio applications, or any other application where the highest levels of power protection are required but where noise is an issue.

Available in 500W and 1500W continuously rated versions.

Pure Sinewave Output

Stable 230V Output Voltage

Unity Power Factor

Low Noise Design - Virtually Silent

Adjustable Fan Speed*

Rack Mountable

UK Socket or Euro Outlet Options

Lightweight & Small Footprint

Cold Start Function (with Battery)

Audible & LED Alarm Indications

LCD Display

AC ReGenerator



AG Series Specifications

Model		AG500	AG1500
INPUT	Rated Voltage	160-290V (120-290V at 50% load)	
	Rated Frequency	50Hz±5%	
	Wiring	Single Phase three wire	
	Power Factor	>0.98 at full load	
OUTPUT	Capacity	500W / 500VA	1500W / 1500VA <i>Continuous at Full Fan Speed</i>
	Voltage	230V±2%	
	Frequency	50Hz±0.2% (Battery)	
	Waveform	Sine Wave <3%THD linear load <2% typ	
	Power Factor	Unity	
	Switching Time	Zero	
	Overload	133% - 2 min 175% - 30 seconds 200% - 300msec	
	Electrical Connections	IEC 60320 C14 inlet 6x IEC 60320 Sheet F outlets	IEC 60320 C14 inlet 1x IEC 60320 Sheet F & 1x13A UK Socket Outlet <i>Shucko On Request</i>
BATTERY	Battery Voltage	36V (internal)	96V (external)
	Runtime Full Load / Half Load (typical)	9/20 Mins	11/28 Mins with standard battery pack
	Battery Charge Recovery	<12 hours	
INFO	Communication Interface	RS232 and USB or internal SNMP	
	Fan Speed Control	N/A	POT Adjust PWM Fan Speed Control. Adjusts Fan Speed from 20% to 100% dependent upon user conditions
	Panel Display	LED & LCD	
	Warnings	Battery Low, Supply Abnormal, UPS Fault	
	Protection	Battery Low, Overload, Short Circuit, Over Temperature	
ENVIRONMENT	Audible Noise	<15dBA @ 1m	<15dBA-<30dBA @1m
	Working Temperature	0-30°C Full Capacity Derate 10W/°C up to 40°C	0-30°C Full Capacity Derate 100W/°C up to 40°C
	Relative Humidity	0-95% Non Condensing	
	Size HxWxD mm	88x440x440	88x440x440 + 88x440x440 (unit + battery)
	Weight (kg)	15	11 +28 (unit + battery)

* Only the AG1500 has fan speed control



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