

# VIS-G Uninterruptible Power System

**Gamer**

**Sine Wave**

**Line Interactive**

Professional Grade UPS incorporating Line Interactive (Voltage Independent VI) technology in slim form factor. Pure sine wave inverter output for maximum compatibility, with national socket outlets including surge only, USB charger and HiD USB Interface, the VIS-G is suitable not only for gamers but professional UPS applications.

Detachable Bluetooth LCD panel  
with internal NiMh battery

Comprehensive LCD displays  
full input and output parameters  
in addition to connected PC  
CPU status<sup>3</sup>

Battery backed USB Type A  
and Type C ports

Configurable LED bar with a  
variety of colours for different  
UPS status<sup>4</sup>

User swappable battery via  
removable front panel

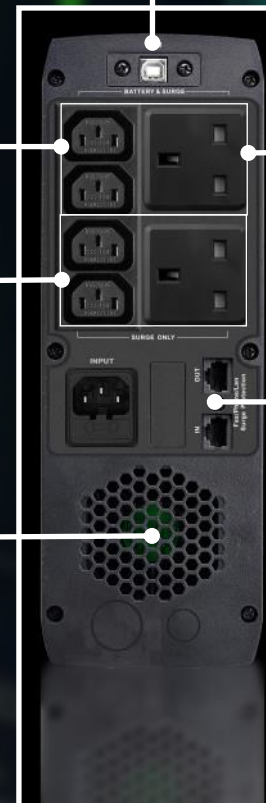


HiD<sup>1</sup> USB Interface. No need  
for shutdown software

Pure Sine wave output removes  
risk of overload on PFC PSUs<sup>5</sup>

Surge Protected Only outlets for  
ancillary devices

Unit is silent in normal  
operation with cooling fan  
started only when UPS is  
active



Battery & AVR<sup>2</sup> backed UK &  
IEC (2) outlets for essential  
equipment.

RJ11/45 Surge Protection

MODEL	VIS1000G	VIS1500G
CAPACITY (VA/WATTS)	1000 / 600	1500 / 900
INPUT		
Nominal	230VAC 50Hz	
Voltage Range (VAC)	170 - 280	
Frequency Range	50/60Hz Autosense	
OUTPUT		
Voltage (Battery Mode)	230V ±10%	
Frequency (Battery Mode)	50Hz ±1%	
Transfer Time	10ms Maximum, typically 6ms	
Waveform	Sine Wave <3%THD (Linear Load)	
BATTERY		
Capacity (Qty)	12V 9Ah (x1)	12V 9Ah (x2)
Typical Recharge	8 hours to 90%	
INDICATORS		
LED Bars	Configurable Colour (White, Orange, Yellow, Green, Blue, Purple) for UPS status. Scrolling , Breathe, Steady or Off.	
LCD Display (Detachable)	Voltage & Frequency In, Battery Voltage & % Level, Estimated Runtime, Output Voltage & Frequency, Load Level (W & %), LCD battery voltage, CPU Frequency, Temperature and Load, Firmware versions. [CPU Monitoring Requires Monitor Software on Client PC]	
Alarm	Overload [½] , Low Battery [1], Battery Overvoltage [1½], Battery Replacement [2], Battery Mode [10], Fault [0] [Figure in brackets indicates the interval in seconds between alarm sounding]	
USB OUTPUT		
USB Ports	1x Type C, 1x Type A	
USB Voltage	5.2V ±5%	
Output Current	3A Max	
COMMUNICATIONS		
Interface	HiD USB	
Software	ViewPower for Win/MAC/Linux or Operating System when using HiD	
PHYSICAL		
Input Connector	IEC C14 inlet	
Output Connectors	Battery Backed: 1xUK BS1363, 2x IEC C13 Surge Only: 1xUK BS1363, 2x IEC C13	
Environment	0-40°C. 0-90% Rel Humidity Non condensing	
Noise	<40dB	<45dB
	Unit contains internal cooling fan that is inactive in normal operation. Fan active when unit on battery, in AVR mode and on boost charge	
Dimensions (WxDxH mm)	99x308x280	99x430x280
Weight (kg)	9.2	13.8
STANDARDS		
Compliance	UK/CE BS EN62040-1: 2008/A1:2013, IEC 62040-1:2008/A1:2013	

#### Notes:

<sup>1</sup> HiD: Human Interface Device, although in this case means the UPS is recognised by the operating system effectively making a desktop behave like a laptop. The use of shutdown software is not required although may be used if more control over UPS is desired.

<sup>2</sup> AVR: Automatic Voltage Regulation. The UPS will try and maintain the output within the nominal 230V $\pm$ 10% by bucking the input voltage if it goes too high and boosting it if it goes too low without resorting to battery power. Extends battery life.

<sup>3</sup> The CPU monitoring facility requires a communications utility to be installed on the client PC. The CPU frequency, temperature and % loading can all be monitored. An alarm can be set for excessive CPU temperature.

<sup>4</sup> The LED Bar can be set to different colours for Normal (Line) mode, AVR mode or Battery mode, or can be switched off entirely.

<sup>5</sup> Non sine wave UPS can have issues with Power Factor Corrected (PFC) computer power supplies in that on when switching to battery mode a high current surge can be created causing the UPS to overload and shut down. Sine wave systems avoid this.