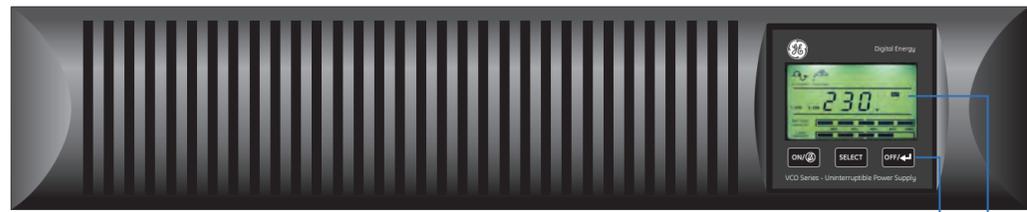


VCO Series - Technical specifications

Model	VCO1000	VCO2000	VCO3000
Rating VA/W	1000/800	2000/1600	3000/2400
AC input voltage	208 / 220 / 230 / 240 Vac		
AC input voltage, window	120 - 280 Vac		
Frequency	50 / 60 Hz (auto-sensing)		
Input power factor	>0.95 at full load		
AC output voltage	208 / 220 / 230 / 240 Vac (selectable)		
Output frequency	50 / 60 Hz (selectable)		
Output wave form	sine wave		
Output power factor	0.8		
Harmonic distortion	3% at linear load		
Efficiency (ECO Mode)	>95%		
Number of outlets (programmable)	4 (2)	6 (3)	6 (3)
Runtime at typical load (60%), minutes	7	8	8
Weight (kg)	16	32	38
Dimensions (HxWxD, mm)	88x440x405	88x440x620	88x440x620
Display type	LCD - Liquid Crystal Display		
Safety	IEC/EN 62040-1		
EMC	IEC/EN 62040-2		
Ambient temperature	0 °C to 40 °C		
Maximum relative humidity	95% (non-condensing)		

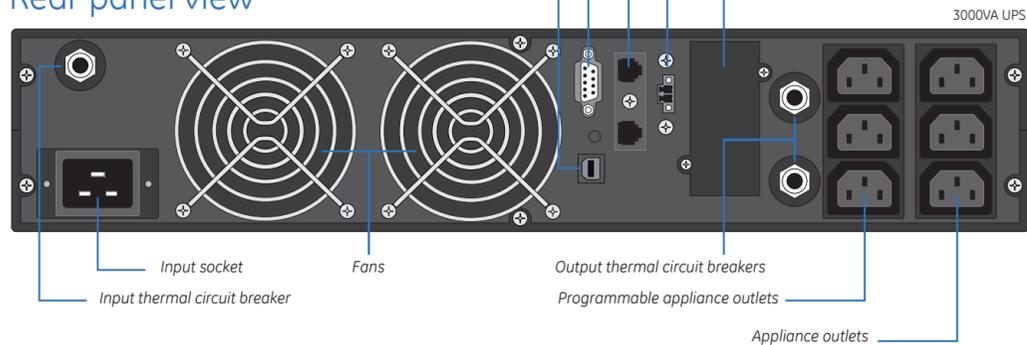
Specifications subject to change without prior notice

Front panel view



Keypad
LCD screen with graphic interface

Rear panel view



EPO - Emergency Power Off
Phone/fax protection
RS232 communication port
USB communication port
SNMP communication card

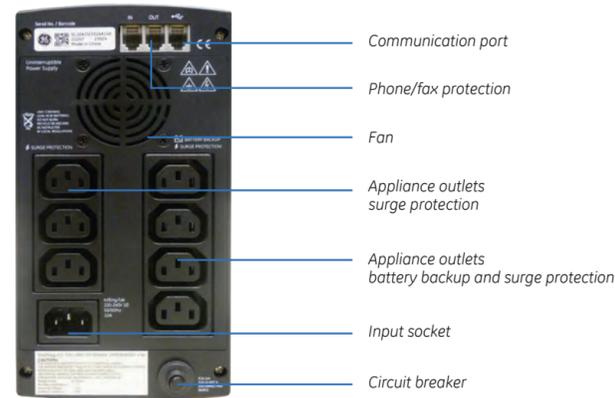
Input socket
Input thermal circuit breaker
Fans
Output thermal circuit breakers
Programmable appliance outlets
Appliance outlets

VCL Series - Technical specifications

Model	VCL400	VCL600	VCL800	VCL1000	VCL1500
Rating VA/W	400/250	600/360	800/480	1000/600	1500/900
AC input voltage window	170 - 280 Vac				
Frequency	50/60 Hz (auto-sensing)				
Battery type	12V, sealed lead acid, maintenance free				
Number x capacity of battery	1 x 4.5Ah	1 x 7Ah	1 x 9Ah	2 x 7Ah	2 x 9Ah
Runtime at typical load (60%), minutes	5	6	6	8	6
Battery recharge time	8 hours				
Modem / phone / fax protection	RJ11				
Communication port	USB				
Ambient temperature	0 °C - 40 °C (32 °F - 104 °F)				
Maximum relative humidity	95% (non-condensing)				
Storage temperature	-15 °C - 55 °C (5 °F - 131 °F)				
Net weight (kg)	4.0	4.6	5.6	8.4	10.3
Dimensions (HxWxD, mm)	220x112x222			220x112x330	
Safety	EN 62040				
EMC	EN 62040-2				
Compliance	RoHS, REACH, WEEE				
Number of outlets	6 pcs IEC-320 C13 outlets			7 pcs IEC-320 C13	

Specifications subject to change without prior notice

Rear panel view



Communication port
Phone/fax protection
Fan
Appliance outlets surge protection
Appliance outlets battery backup and surge protection
Input socket
Circuit breaker



GE
Critical Power



New



High Reliability & Efficiency

Single phase VCO & VCL Series

Who we are

GE Critical Power
We support and serve customer power needs from the building infrastructure through to end devices, providing overall power to the system and at board level. A history of leading technology and decades of research and development enables GE's Critical Power business to provide specialized products, engineered solutions, and global professional services for customers in key markets and industries. Our goal is to provide you with reliable and efficient solutions that will help to reduce energy consumption as well as minimize the operating costs associated with supplying power to your applications.

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GE imagination at work

High Reliability & Efficiency

Single phase VCO & VCL Series

New VCO Series

1000/2000/3000 VA

Uninterruptible Power Supply (UPS)

GE's VCO Series is a true double conversion Voltage and Frequency Independent (VFI) Uninterruptible Power Supply (UPS), providing the highest level of protection to all loads. Regardless of the quality of power from the grid, the VCO Series will create a brand new sine wave with a fully regulated voltage and frequency; the supported load receives a constant, moderated supply. When the grid power fails, the battery seamlessly steps in to continue the supply and allow for enough time to finish the current process before gracefully initiating an automatic shutdown of the load until the mains returns.

Features & benefits

- **High output power factor**
Provides more actual power to the load and avoids the need to oversize the UPS.
- **Rack and/or tower format**
In a single cabinet. There is no need to select form factor when ordering, and allows for maximum site flexibility. As network demands change, the VCO Series can adapt with the changes.
- **Automatic battery test**
Makes a periodic health check of the batteries, ensuring no surprises. When the battery is required, the battery is available.
- **RS232 and USB communication as standard**
For maximum flexibility on load connectivity.
- **SNMP card**
Supporting all major operating platforms. The UPS can be monitored and managed across a network, with web enabled SNMP configuration for full visibility of UPS operation from any location.
- **>95% efficiency**
In high efficiency mode, reducing energy and operation costs on site.
- **Multiple outlets**
For all ratings; several pieces of equipment can be connected to the VCO Series without adding PDUs or extension strips. One set of outlets can be programmed to switch off in order to increase the remaining runtime.
- **Lightning and transient surge protection**
For additional protection against voltage spikes.

- ECO mode (>95% efficiency)
- Tower/rack assembly in single cabinet
- Lightning & surge protection
- Voltage & frequency independent
- Hot swappable batteries

New VCL Series

400/600/800/1000/1500 VA

Uninterruptible Power Supply (UPS)

Power is everything

In today's highly digitised world, we all rely on a clean, uninterrupted supply of power to keep our business operations moving.

GE's VCL Series UPS offers that continuity in a compact, lightweight and cost-effective solution. The VCL Series range of Uninterruptible Power Supply (UPS) connects between the mains supply and your critical load to ensure, when the mains power supply drops or fails, your load continues to receive a clean, constant and reliable source of power until a graceful and safe shutdown of the load can be performed. Hardware and data is protected and operations are reliably maintained.

Features & benefits

- **High operating efficiency**
The VCL Series operates as standard at a high efficiency (>95%), minimizing losses and reducing cooling costs.
- **Power and surge protection outlets**
GE's VCL Series offers both power protection and surge protection outlets. Power protection outlets ensure that critical loads are closed down in a safe, controlled manner in the event of an extended mains failure; surge protection outlets provide power conditioning to less critical loads (e.g. printers). Additional surge protection for data lines is provided.
- **Automatic shutdown software**
GE's automatic shutdown software is provided free of charge with every UPS.
- **Automatic voltage regulation**
AVR corrects voltage drops and surges coming through from the mains without the UPS resorting to battery. The life of the battery is maximized and the user is still ensured ongoing consistent power to the load.



- Large number of outlets even on the lowest ratings
- High reliability and efficiency
- Automatic voltage regulation (AVR)
- USB communication as standard
- Broad ratings availability
- Automatic shutdown software