

Introduction

The GT Series Tower UPS provides high quality power protection in a cost-effective package. The GT Series is a true VFI (Voltage and Frequency Independent) **on-line double conversion** high-performance device.

The UPS is designed to support and protect mission critical applications, and the bypass mode provides high reliability against mains power disturbances. All GE GT UPS's are microprocessor-controlled. **Extended optional battery pack** runtime options available.

Benefits

- > High visibility LED graphic display gives the user an immediate view of UPS status
- > Fully compliant with international standards for VFI (IEC 62040-3) operation, providing full power protection for demanding critical applications
- > Programmable switch-off for less critical loads to maximize uptime of critical devices (load shedding)
- > Modern design fits well into an office environment
- > Integrated slot for SNMP plug-in card, potential-free relay contacts and RS-232/contact interface, providing maximum flexibility

Performance Features

- > **High input power factor** (>.97) and **low input distortion** prevents disturbances to other electrical equipment, eliminating the need for costly filters or oversized feeders
- > **Compact footprint**, easily transportable, robustly designed system with low audible noise, suitable for both office and industrial environments
- > Utilizes high-frequency PWM (Pulse Width Modulation) digital control technique, resulting in extremely **low output distortion** and **fast transient response**, eliminating the need to oversize the UPS
- > Robustly designed to handle **short-circuit, high overload and overheating** conditions, reducing maintenance and service costs
- > GT Series **High Crest Factor** (3:1) capability makes it ideal for computer loads, while eliminating the need to oversize the UPS
- > **Very wide AC-input voltage** capability minimizes the need to switch to batteries, resulting in increased battery life
- > **On-line double conversion** technology eliminates power reliability problems
- > Automatic **internal bypass**
- > **UPS management software** facilitates operation and maintenance of the UPS
- > **PDU connectivity** on 208V systems (optional)

1000-3000VA Tower GT Series Uninterruptible Power Supply (UPS)



Technical Specifications – UL approved

Models	GT1000T	GT1500T	GT2000T	GT3000T	GT3000T208
Rating (VA/W)	1000 / 800	1500 / 1200	2000 / 1600	3000 / 2400	3000 / 2400
Battery (V/Ah)	36 / 7	72 / 7	72 / 7	72 / 9	72 / 9
50% Load	21 min.	22 min.	21 min.	14 min.	14 min.
100% Load	6 min.	10 min.	5 min.	5 min.	5 min.
Option for Additional Batteries **	Yes	Yes	Yes	Yes	Yes
Enclosure (Table 1)	A	B	B	B	B
Net Wgt Incl. Batteries (kg / lbs)	15 / 33	30 / 66	30 / 66	30 / 66	30 / 66
Input Voltage @ 100% load (VAC)	80-138	80-138	80-138	80-138	160-275
Input Frequency (Hz)*	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Output Voltage	100 / 110	100 / 110	100 / 110	100 / 110	160 / 208
	120	120	120	120	275
Output Frequency (Hz) *	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Outlet (Qty) Type	(4) NEMA 5-15R	(3) NEMA 5-15R (3) NEMA 5-20R (1) NEMA L5-20R	(6) NEMA 5-15R (1) NEMA L5-20R	(6) NEMA 5-15/20R (1) NEMA L5-30R	(4) NEMA 6-20R (1) NEMA L6-20R
SNMP Compatibility			Yes		
Core Voltage			120		
PWM (Pulse Width Modulation)			Yes		
Maintenance Bypass			Yes		
Internal Batteries			Yes		
Input Performance Range	Voltage (-33 to +17%); Frequency (55 to 65 Hz)				
Output Performance	<ul style="list-style-type: none"> Output THD Load Non-Linear (< 6%); Linear (< 3%) Voltage Regulation Load Static (2%); 0-100% Step (8%) 				
Overload Capability	150% for 30 Seconds				
Efficiency	> 87%				
Communications Interface	RS-232, Plug and Play, open collector alarm contacts				
Color	Front bezel: Aluminum Grey (RAL 9006); Cabinet: White (RAL 9003)				
Operating Temperature	32° F - 104° F (0° C - 40° C)				
Relative Humidity	95% non-condensing				
Audible Noise	(Table 2)				
Safety	UL 1778, CSA22.2-107, IEEE 62.41 CAT. A Lightning Safety				
EMC	FCC Class B (1kVA), FCC Class A, CISPR PUB. 22 Class A				
Enclosure	NEMA 1				
Warranty	24 months after seller's shipment to customer				

* Auto Selectable

** Refer to Product Description publication for runtimes



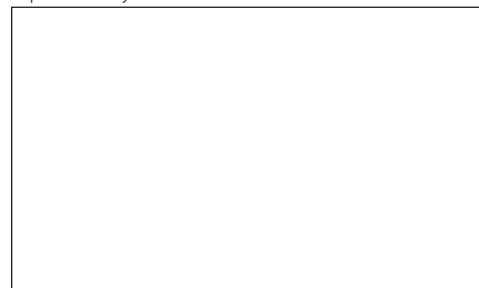
Table 1

	Height	Width	Depth
Enclosure A	9.5" (24.1 cm)	5.5" (14 cm)	14.4" (36.6 cm)
Enclosure B	14.7" (37.3 cm)	5.5" (14 cm)	16.7" (42.4 cm)

Table 2

Audible Noise at Unit Front	
1kVA	40dBA @ 3.3 feet (1 meter)
1.5, 2 & 3kVA	42dBA @ 3.3 feet (1 meter)

Represented by:



GE Energy – Digital Energy
830 W 40th Street
Chicago, IL 60609 USA
800 637 1738
www.gepowerquality.com

Information subject to change without notice. Please verify all details with GE.
© 2010 General Electric Company
All Rights Reserved
GEA-D2005 (10/10)

