

GE Consumer & Industrial Electrical Distribution

The Digital Energy 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 Digital Energy GT UPS's are microprocessor controlled and equipped with RS232 communication and optional SNMP interfacing capabilities for all major operating systems, with extended optional battery pack runtime options available.

GT Series Features

- > Online double conversion technology eliminates power reliability problems
- > High visibility graphic display gives the user immediate view of UPS status
- > Automatic internal bypass
- > Programmable switch-off for less critical loads to maximize up-time of critical devices. (load shedding)
- > Modern design fits well into an office environment

Applications

- > Mission Critical Servers
- > Medical Equipment
- > ATM / Frame Relay Switches
- > Banking Systems
- > Telecoms / PABX

Digital Energy GT Series

1000-3000 VA Tower Uninterruptible Power Supply



Benefits

High input power factor (>.97) and **low input distortion** prevents disturbances to other electrical equipment, thus eliminating the need for costly filters or over-sized 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 for over-sizing the UPS

Robustly designed to handle **short-circuit, high overload and over-heating** conditions, thus 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 which results in increased battery life

Fully compliant with international standards for VFI (IEC 62040-3) operation providing full power protection for demanding critical applications

UPS management software facilitating operation and maintenance of the UPS
Available slot for SNMP plug-in card, potential-free relay contacts, and RS232/contact interface providing maximum flexibility

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	48/7	72/7	72/9	72/9
Backup Time @ 50% load	14 min.	14 min.	14 min.	14 min.	14 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	100/110 120	100/110 120	100/110 120	100/110 120	160/208 275
Output Frequency (Hz)*	50/60	50/60	50/60	50/60	50/60
Number of Outlets	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			Yes		
Maintenance Bypass			Yes		
Internal Batteries			Yes		
Input Performance Range	Voltage (-33 to +17%); Frequency (55 to 65)				
Output Performance	Non-Linear (< 6%); Linear (< 3%)				
Output THD Load	Static (2%); 0-100% Step (8%)				
Voltage Regulation Load					
Overload Capability	150% - 30 Seconds				
Efficiency	> 87%				
Communications Interface	RS232, Plug and Play, open collector alarm output				
Color	Front bezel: Aluminum Grey (RAL9006); Cabinet: Pure White (RAL9010)				
Operating Temperature	32° F - 104° F (0° C - 40° C)				
Relative Humidity	95% non-condensing				
Audible Noise	(Table 2)				
Safety	UL1778, CSA22.2-107				
EMC	FCC Class B (1kVA), FCC Class A (remaining)				
Enclosure	NEMA 1				

*Auto Selectable
Specifications subject to change without notice.



Table 1	Height	Width	Depth
inches (cm)			
Enclosure A	9.5 (24.1)	5.5 (14)	14.4 (36.6)
Enclosure B	14.7 (37.3)	5.5 (14)	16.7 (42.4)

Table 2	Audible Noise at unit front
1 kVA	40dBA - 3.3 feet (1 meter)
1.5, 2 & 3kVA-T	42dBA - 3.3 feet (1 meter)



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