

Digital Energy™ GT Series

1000-3000 VA Tower
Uninterruptible Power Supply (UPS)



GT1000T
GT1500T
GT2000T
GT3000T
GT3000T208

The Digital Energy™ GT Series Tower UPS provides a high quality power protection in a cost effective package. The GT Series is a compact, 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 GT Series UPS's are micro-processor controlled and equipped with RS232 communication and optional SNMP interfacing capabilities for all major operating systems, with optional battery pack extended runtime options also available.

- > On line 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 Include

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

imagination at work



Features & 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 UL1778 and CSA 22.2-107 standards for VFI operation providing full power protection for demanding critical applications
- > Every GE UPS can be monitored and managed via LAN and serial connection
- > 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	Output THD Load Non-Linear (< 6%); Linear (< 3%) Voltage Regulation Load Static (2%); 0-100% Step (8%)				
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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