GE Consumer & Industrial
Electrical Distribution

The Digital Energy GT Series Rackmount UPS provides a 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.

The GT Series is designed especially for typical rack mount demands, including long backup times and high ambient temperatures, but can be a stand-alone unit for increased versatility.

GT Series Features

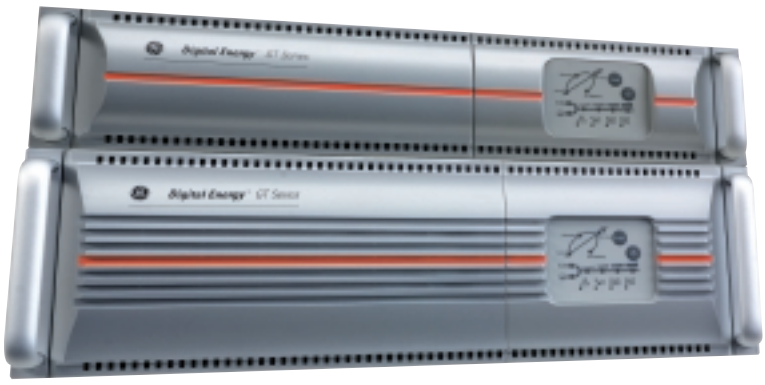
- Online double conversion technology eliminates power reliability problems
- Rack design provides application versatility
- Rack height maximizes rack space
- Easy plug-in connection of battery packs for extended runtime
- Simple to install and operate
- Automatic internal bypass
- Programmable switch-off for less critical loads to maximize up-time of critical devices (load shedding)

Applications

- PC and Server Networks
- EPOS
- Network Components (Routers, Hubs)
- Security Systems
- Process Control

Digital Energy GT Series

1000-3000 VA 19" Rackmount 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	GT1000R	GT1500R	GT2200R	GT3000R
Rating (VA/W)	1000 / 800	1500/1200	2200 / 1760	3000 / 2400
Battery (V/Ah)	36 / 7	48 / 7	48 / 9	72 / 9
Backup Time @ 50% load	14 min.	14 min.	14 min.	14 min.
Option for Additional Batteries	Yes	Yes	Yes	Yes
Enclosure (Table 1)	C	D	D	E
Net Wgt Incl. Batteries (kg/lbs)	19 / 42	24 / 52.8	24 / 52.8	34 / 74.9
Input Voltage @ 100% load (VAC)	80-138			
Input Frequency (Hz)*	50 / 60	50 / 60	50 / 60	50 / 60
Output Voltage	100 / 110 120	100 / 110 120	100 / 110 120	100 / 110 120
Output Frequency (Hz)*	50 / 60	50 / 60	50 / 60	50 / 60
Number of Outlets	6 NEMA 5-15R	6 NEMA 5-15R	4 NEMA 5-20R 1 NEMA L5-20R	4 NEMA 5-15R 4 NEMA 5-20R 1 NEMA 5-30R
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 contacts			
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.

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Table 1	Height	Width	Depth
inches (cm)			
Enclosure C	3.5 (8.9 cm)	17.3 (43.9 cm)	17.7 (45 cm)
Enclosure D	3.5 (8.9 cm)	17.3 (43.9 cm)	20.7 (52.6 cm)
Enclosure E	5.2 (13.2 cm)	17.3 (43.9 cm)	19.8 (50.3 cm)

Table 2	Audible Noise at unit front
1 kVA	40dBA - 3.3 feet (1 meter)
1.5 & 2 kVA-R	45dBA - 3.3 feet (1 meter)
3 kVA-R	47dBA - 3.3 feet (1 meter)

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