

GT Series 6 kVA & 10 kVA

With the Digital Energy™ GT Series, your mission-critical equipment is protected from any fluctuation in your power source, enabling you to concentrate on your core activities. The GT Series is a true VFI (Voltage & Frequency Independent) on-line double conversion, transformerless, intelligent and high performance installable UPS.

This UPS provides critical power protection to suit a wide range of IT Networks, Telecom and other applications. The GT Series is easy to install and service, and is designed for maximum site flexibility. With an attractively designed modern common tower and/or 19inch rack mount cabinet,

the UPS can adapt as network configurations adapt. Both the power and redundancy of the system can be expanded by adding units (N+2) to create a parallel system. For communication, the GT Series is equipped with RS232 and contact interface as standard; a web-enabled SNMP card is available as an option. Operation in remote or unmanned sites is simple to coordinate with the standard remote monitoring functionality. No load shutdown, automatic frequency detection, settable minimum start-up runtime and extended runtime availability with optional battery packs are additional features of the GT Series UPS.

features & benefits

- On-line double conversion technology assuring ultimate Power Quality
- (Remote controlled) programmable computer shutdown
- Combined tower/rack for maximum flexibility
- Wide input voltage window to minimize battery operation
- Small footprint & low weight, ideal for IT applications or sites with limited available space
- Hot swappable batteries for easy battery replacement without dropping the load
- Simple installation of paralleling cable for expanded power and redundancy of the system
- Backfeed protection as standard providing optimal safety for installation
- Frequency converter (50Hz – 60Hz) also in parallel operation
- All components for Rack, Tower & Parallel installation are included with the UPS

applications

- Computer and data centres
- Call centres
- Telecommunications equipment
- Security systems
- Financial institutions
- Fixed and mobile voice and data transmission

Digital Energy™ GT Series UPS

6 kVA & 10 kVA Tower / Rack
Uninterruptible Power Supply (UPS)



imagination at work

technical specifications

Model	GT 6	GT 10
Rating (VA/W)	6000/4200	10000/7000
Format	Tower / Rack	
Input voltage range	176 - 276V	
Input frequency range	40 - 70 Hz	
Input THD	<8%	
Input current (A) at nominal input voltage	20.6	34.6
Backup time at 50% / 75% load (mins)	28/17	15/9
Output power factor	0.7	
Output voltage	220/230/240 V (selectable)	
Output frequency	50/60Hz, automatic selection	
Output THD	<3%	
Battery voltage (nominal)	240 V	
Battery (number/Ah)	20pcs/8Ah	
Battery type	sealed lead acid, maintenance free	
Battery recharge time	5 hours to 90%	
Automatic bypass	✓	✓
Number of IEC 320 outlets	2	2
DC connector	✓	✓
UPS enclosure size	130x410x660mm	130x410x660mm
Battery enclosure size	130x410x660mm	130x410x660mm
Weight UPS kg (weight battery kg)	24.5 (67)	24.5 (67)
Colour	Black - RAL 9005	
Warranty	Two years including battery	

Options

Additional battery packs	✓	✓
Plug in SNMP card	✓	✓
Parallelability	✓	✓
Tower and rack mountable	✓	✓

operating characteristics

Operating temperature	: 0 to +40°C
Relative humidity	: 90% non-condensing
Audible noise	: <55 db(A)

communication interface

RS 232
SNMP

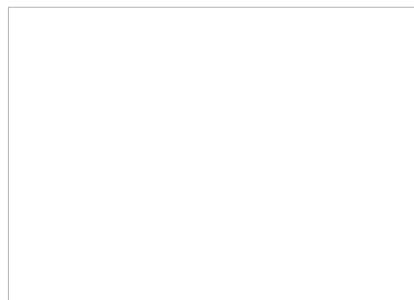
general design criteria

Safety	: CE MARK
EMC	: EN 62040-2 (2006)
Protection degree	: IP20

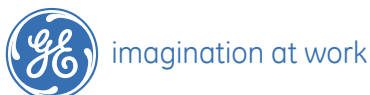
Specifications subject to change without prior notice



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