GE Energy
Digital Energy

Introduction

The GE IT Series Tower UPS provides cost-effective, high quality power protection for a wide range of applications. The IT Series is a line interactive UPS that has **pure sine wave output**, which is designed to prevent downtime and equipment damage due to power outages, voltage fluctuations and transient surges. The IT Series UPS is microprocessor-controlled and equipped with **AVR (Automatic Voltage Regulation)**, making it ideal for server, data storage, networking, telecommunications and point-of-sale applications.

The unit is equipped with **RS-232 and USB ports** and a communication slot (standard). The communication slot accepts an optional SNMP communication card to enhance the capabilities of the UPS. **IT Series MONITORing management and monitoring software** is included (standard). This software interfaces with today's major software operating system platforms. Front panel, multi-function audible alarms and a set of six (6) LEDs allow for quick visual notification of UPS and battery status.

The IT Series UPS has **hot swappable, user-replaceable batteries**. The enclosure allows for front access, facilitating battery replacement.

IT Series UPS units carry a standard two-year limited product warranty.*

Features and Benefits

> True sine wave output, line interactive design
> AVR buck and boost voltage regulation
> Hot swappable, user-replaceable batteries
> Fully digitized, microprocessor-controlled
> RS-232 and USB communication ports
> Lightning and surge protection
> Short circuit and overload protection
> 50/60Hz frequency auto-sensing
> Telephone/modem extension port
> IT Series MONITORing software
> Load and battery power meter displays
> Overload, on-line, battery status LEDs
> Advanced Battery Management Algorithm
> Energy saving (UPS sleep mode)
> Cold start (DC Power On)
> SNMP communication ready

Applications

> Personal Computers
> Workstations
> Servers
> Networking Equipment
> Telecommunications Equipment
> Data Storage Equipment
> Point-of-Sale Equipment

600-2000VA Tower

IT Series Uninterruptible Power Supply (UPS)

Options

> SNMP communication cards are available and sold separately

> For replacement batteries, please contact the UPS Parts Department: 800 637 1738

> Extended Limited Product Warranties Available **
> - 1 Year
> - 3 Year
> - 5 Year

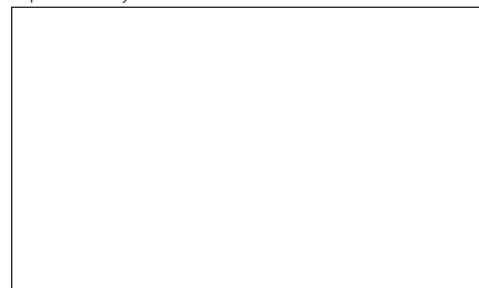| Model Number		UPS0600ITSIT	UPS1000ITSIT	UPS1500ITSIT	UPS2000ITSIT
Power Rating	Output Capacity	600VA / 360W	1000VA / 600W	1500VA / 900W	2000VA / 1200W
Power Factor	Output Power Factor	0.6 pf			
Input	Voltage	120V +/- 10% at line input, single phase			
	Frequency	50 or 60 Hz +/- 5Hz auto-sensing			
	Input Power Connection	Detachable 5-15P	Detachable 5-15P	Hardwired 5-15P	Hardwired 5-20P
Output	Voltage (on Battery)	Pure sine wave at +/- 5% of nominal, -10% of nominal after low battery warning			
	Voltage (on Mains)	120V, -12%/+10%			
	Voltage THD	< 5% @ 100% resistive load with 80% battery capacity			
	Frequency (on Battery)	50 or 60 Hz +/- 5% auto-sensing			
	Voltage Regulation (AVR)	AVR automatically increases (boost) output voltage 17% above input voltage if -9% to -25% of nominal. AVR decreases (buck) output voltage 14% below input voltage if +9% to +25% of nominal.			
	Output Receptacles - Power Distribution	(4) 5-15R	(4) 5-15R	(6) 5-15R	(6) 5-15R
Protection & Filtering	Spike Protection	780 Joules/6500A			
	EMI/RF Filter	10dB @ 0.15MHz, 50 dB @ 30 MHz			
	Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal @ 20 seconds and 125% @ 5 seconds			
	Transfer Time	4/6 milliseconds (typical), including detection time			
	Short Circuit	Active protection with automatic shutdown			
Battery	System Type	Hot swappable, sealed Valve Regulated Lead Acid (VRLA)			
	Battery	12V / 9.0 AH			
	Typical Recharge Time	4 hours (to 90% of full capacity)			
	Protection	Automatic self-test and discharge protection, Replace battery indicator			
	Battery Quantity	2 pcs	2 pcs	3 pcs	4 pcs
Net Weight (lbs)		30.4 lbs	33.0 lbs	55.0 lbs	66.0 lbs
Dimensions W x D x H (Inches)		5.5" x 17.2" x 8.3"	5.5" x 17.2" x 8.3"	6.7" x 17.7" x 8.9"	6.7" x 17.7" x 8.9"
Communications	RS-232	Standard (Detect battery low, schedule UPS on/off, AC Input/Output power status display)			
	USB	Standard			
	SNMP	Optional			
	Operating System	Windows NT, Windows 2000/ME, Windows XP, Linux			
Environment	Ambient operation	3,500 meters max. elevation, 0-95% RH non-condensing, 0-40° C			
	Audible noise @ 1 meter	< 40 dBA		< 45 dBA	
	Storage condition	15,000 meters max. elevation, 0-95% RH non-condensing, 0-40° C			
Certifications		UL, cUL, FCC Class A			

Battery Runtimes (minutes) ***				
VA	Standard Internal Battery System			
	@ 25% Load	@ 50% Load	@ 75% Load	@ 100% Load
600	84	35	20	14
1000	42	17	10	6
1500	42	17	10	6
2000	42	17	10	6

*** Runtimes are estimated

* See UPS Limited Warranty Rider, Publication No. GETCPQ-UPS

** Contact a factory representative: 800 637 1738

Represented by:

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