

Introduction

The GE IT Series Rackmount UPS provides cost-effective, high quality power protection for a wide range of 19" rackmount 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, line interactive design
- > AVR Buck and Boost voltage regulation
- > Hot swappable, user-replaceable batteries
- > Fully digitized, microprocessor-controlled
- > USB and RS-232 communication ports
- > Lightning and surge protection
- > Short circuit and overload protection
- > 50/60Hz frequency auto-sensing
- > Telephone/modem extension port
- > IT Series MONITORing software
- > Rack design provides application versatility
- > Load and battery power meter display
- > 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 19" Rackmount 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
- > 4 Post Rackmount Rail Kit

Model Number		UPS0600ITSIR		UPS1000ITSIR		UPS1500ITSIR		UPS2000ITSIR	
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	(6) 5-15R		(4) 5-15R		(4) 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)		34.5 lbs		44.5 lbs		57.4 lbs		62.5 lbs	
Dimensions W x D x H (Inches)		19" x 15" x 3.3"		19" x 15" x 3.3"		19" x 15" x 5.1"		19" x 15" x 5.1"	
Communi-cations	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							

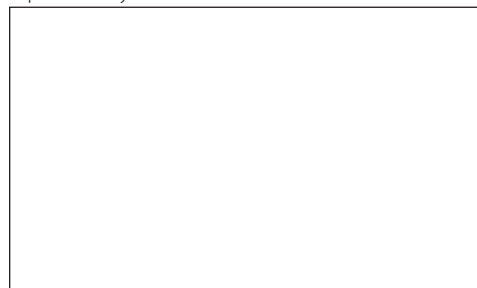
Battery Runtimes (minutes) ***				
VA	Standard Internal Battery System			
	@ 25% Load	@ 50% Load	@ 75% Load	@ 100% Load
600	84	35	20	14
1000	42	17	10	6
1500	42	17	10	6
2000	42	17	10	6

*** 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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