

# GE Digital Energy Power Quality

The EP Series UPS is a true VFI (Voltage & Frequency Independent) on line double conversion, intelligent, cost effective and high-performance UPS designed to suit a wide range of IT networking, telecom and process control applications.

The EP Series UPS is microprocessor controlled and equipped with RS232 and USB as standard, and optional SNMP interfacing capability to provide power monitoring and management.

Hot swappable battery replacement by user, wide input voltage window, 50/60Hz auto sensing, selectable output voltage 220/230/240v, and Battery start (cold start) are also its advance features.

Longer runtime options and 19" rack mountable versions are available

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## features & benefits

- On-line double conversion technology assuring ultimate power quality
- LED display - overload, on-line & battery status
- Fully digital microprocessor controlled
- Programmable computer shutdown
- Lightning and transient surge protection
- Wide input voltage window
- Multiple user interface: RS232, USB, SNMP
- Plug & play
- Battery start (cold start)
- Automatic bypass switch
- Extended run time available

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## applications

- Servers, hubs, switches and routers
- PC and workstation
- Cash registers, fax, modem and ISDN adapters
- Network components
- Telecom equipment

# Digital Energy™ EP Series UPS

700/1000/2000/3000/6000 VA

Tower and Rack



imagination at work

# technical specifications

Tower model	EP 700 T	EP 700 LRT	EP 1000 T	EP 1000 LRT	EP 2000 T	EP 2000 LRT	EP 3000 T	EP 3000 LRT	EP 6000 T	EP 6000 LRT	
19" Rack mount model	EP 700 R		EP 1000 R		EP 2000 R		EP 3000 R		EP 6000 R		
<b>Performance</b>											
Power Rating (VA/W)	700/490		1000/700		2000/1400		3000/2100		6000/4200		
Technology	On-line double conversion with automatic bypass										
Input Voltage	220/230/240Vac, 110~300Vac								220/230/240Vac, 176~276Vac		
Input Frequency	50/60Hz auto sensing, 46Hz~54Hz/56~64Hz										
Input Power Factor	> 0.97								> 0.98		
Output Voltage	220/230/240 Vac $\pm$ 2%										
Output Frequency	50/60Hz $\pm$ 0.2Hz										
Overload Capacity	110%: continuous; 100%-150%: 30 sec then on bypass; >150%: 300 ms								105% continuous; 110%: 10 sec; 130%: 1 sec		
Efficiency (on-line mode)	85%								88%		
<b>Battery</b>											
Rating (V/ah)	36/7	36/	36/7	36/	96/7	96/	96/7	96/	240/7	240/	
Run-time at typical load	11 mins		6 mins		10 mins		5 mins		8 mins		
Battery Test	Programmable automatic test (adjustable using EP software supplied)										
Battery Mangement	Extended batt auto-recognition, automatic runtime adjustment and protection against deep discharge										
<b>Input/Output Connection</b>											
Input	IEC 320		IEC 320		IEC 320		IEC 320		Terminal		
Output (Tower)	4 IEC 320		4 IEC 320		6 IEC 320		6 IEC 320		Terminal		
Output (Rack)	4 IEC 320		4 IEC 320		4 IEC 320		2 IEC 320		4 IEC 320 + 1 terminal		
<b>Power Management</b>											
Standard port	RS232 and USB										
Available slot	1 slot for SNMP/web card										
Remote Power Off	YES with OS shut down software (standard)										
<b>Dimensions</b>											
Tower (WxDxH, mm)	145 x 400 x 220				192 x 460 x 340				260 x 570x 717		
Rack (WxDxH, mm)*	483 x 420 x 88 (19", 2U)*										
<b>Environmental</b>											
Operating temperature	0°C~+40°C, recommended +20°C~+25°C										
Humidity	0%~95% non condensing										
Storage temperature	0°C~+40°C										
Altitude	0---1000m (nominal) , 1000---3000m (derating)										
Acoustic noise (1m to Frontpanel)	$\leq$ 45dB		$\leq$ 45dB		$\leq$ 50dB		$\leq$ 50dB		$\leq$ 55dB		
<b>Standards</b>											
Approval	CE										
Safety	EN62040-1, IEC62040-1-1										
EMC	EN62040-2 Category C1 IEC/EN 61000-3 2/3								EN62040-2 Category C3		

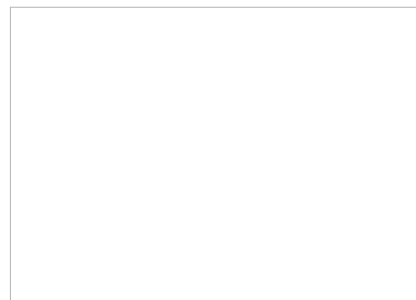
\* Rack 700/1000: internal battery, Rack 2000/3000/6000, battery housed in external cabinet with same dimension as main UPS unit.

SKU	Product	SKU	Product	SKU	Product	SKU	Product	SKU	Product
18547	EP 700 T	18548	EP 1000 T	18549	EP 2000 T	18580	EP 3000 T	18581	EP 6000 T
18587	EP 700 R	18588	EP 1000 R	18589	EP 2000 R	18590	EP 3000 R	18591	EP 6000 R
18582	EP 700 LRT	18583	EP 1000 LRT	18584	EP 2000 LRT	18585	EP 3000 LRT	18586	EP 6000 LRT

Specifications subject to change without notice.



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