

GE
Consumer & Industrial
Power Quality (Digital Energy)

EP Series UPS

700/1000/2000/3000/6000 VA Tower / Rack

EP 700-6000VA

The EP series UPS is a true VFI (Voltage & Frequency Independent) true on-line double conversion, intelligent, cost effective high-performance UPS designed to suit a wide range of IT Networks, Telecom, S.O.H.O and Process Control applications.

GE Digital Energy's EP series UPS is microprocessor controlled - equipped with RS232 and USB as standard communications interfacing, and optional SNMP interfacing capability available to provide power monitoring and management.

Wide input voltage window, 50/60Hz auto sensing, selectable output voltage 220/230/240v, and Battery start (cold start) are also advance features of the EP Series.

Longer runtime options and 19" rack mountable versions are also available.

Features & Benefits

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

Applications

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



Technical Specification of EP Series

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		
Performance											
Power Rating (VA/W)	700/490		1000/700		2000/1400		3000/2100		6000/4200		
Technology	On-line double conversion with automatic by-pass										
Input Voltage	220/230/240Vac, 115~300Vac								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; 130%: 30 sec then on bypass; 150%: 1 sec then on bypass								110%: 10 sec, 130%: 1 sec		
Efficiency	> 88% (On line model)										
Battery											
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		5.9 mins		9.8 mins		5.1 mins		7.8 mins		
Battery Test	Programmable automatic test (adjustable using EP software supplied)										
Battery Management	Extended battery auto-recognition, automatic runtime adjustment and protection against deep discharge										
Input/Output Connection											
Input	IEC 320 (3.5 A)		IEC 320 (5 A)		IEC 320 (10 A)		IEC 320 (16 A)		IEC 320 (30 A)		
Output (Tower)	4 IEC 320 (3 A)		4 IEC 320 (4.2 A)		6 IEC 320 (8.5 A)		6 IEC 320 (13 A)		Terminal (26 A)		
Output (Rack)	4 IEC 320 (3 A)		4 IEC 320 (4.2 A)		4 IEC 320 (8.5 A)		4 IEC 320 (13 A)		4 + 1 terminal (26 A)		
Power Management											
Standard port	RS232 and USB										
Available slot	1 slot for SNMP/web card										
Remote Power Off	YES with OS shut down software (standard)										
Dimensions											
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)				483 x 600 x 130 (19", 3U)						
Environmental											
Operating temperature	0°C~+40°C, recommended +20°C~+25°C										
Humidity	0%~95%										
Storage temperature	-15°C~+40°C										
Altitude	0---1000m (nominal), 1000---3000m (derating)										
Acoustic noise (1m from Front panel)	\leq 45dB		\leq 45dB		\leq 50dB		\leq 50dB		\leq 55dB		
Standards											
Approval	CE										
Safety	EN62040-1, IEC62040-1										
EMC	EN62040-2 Class B								EN62040-2 I/P current >25A		

* Rack 700/1000: internal battery, Rack 2000/3000/6000, battery housed in external cabinet has the 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

Your Local Stockist is:



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www.geconsumerandindustrial.com
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