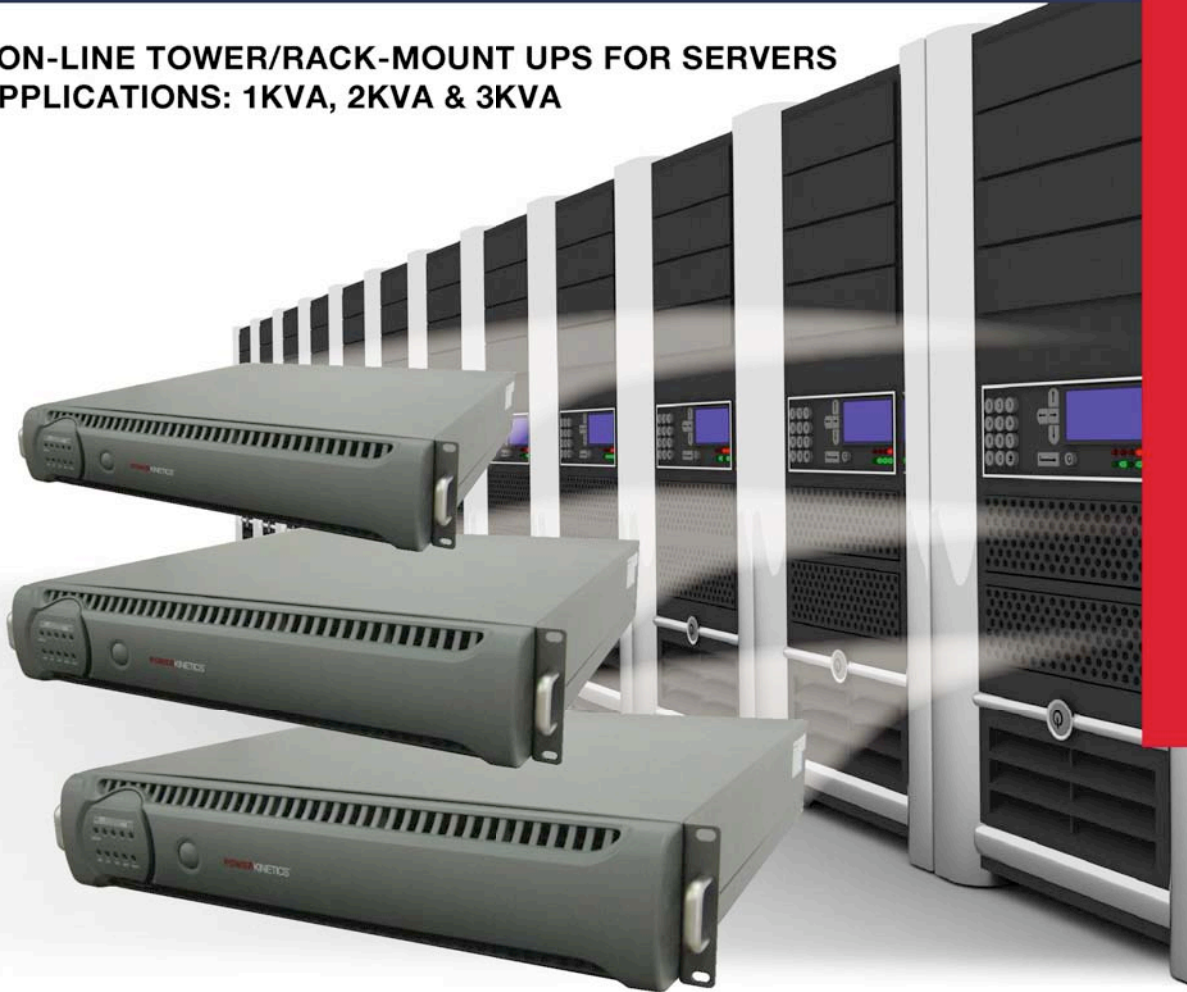




POWERKINETICS US8000TR

TRUE ON-LINE TOWER/RACK-MOUNT UPS FOR SERVERS
FOR APPLICATIONS: 1KVA, 2KVA & 3KVA



The Flexible Tower and Rack-mount UPS solution



**EMERGENCY
BACKUP BATTERY**



**WIDE INPUT
VOLTAGE RANGE**



POWER SURGE GUARD

- ✓ Low Harmonics Distortion
- ✓ Built-In AutoBypass
- ✓ Optional Extended backup time
- ✓ Intelligent RS232 Communication Port



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POWERKINETICS US8000TR

The US8000TR is a flexible UPS solution that can be used as a rack-mount or tower UPS. It provides the perfect protection for enterprise servers, telecommunication and networking systems, medical equipment and other critical applications.

This true on-line UPS provides power factor correction, high frequency and internal auto bypass capability. The wide input voltage range means the UPS is on AC mode most of the time, thereby the battery is always fully charged giving maximum back-up time.

Together with the optional UPS power management software, the UPS provides extensive unattended auto-shutdown for most of the major operating systems.



Backup Time Table*				
Load		US8010TR3	US8020TR6BP	US8030TR8BP
VA	Watt			
200	140	1 hr	2.5 hrs	3 hrs
300	210	35 mins	1.5 hrs	2 hrs
400	280	25 mins	1 hr	1.5 hrs
500	350	18 mins	50 mins	1 hr
600	420	15 mins	38 mins	50 mins
800	560		25 mins	37 mins
900	630		22 mins	29 mins
1000	700		19 mins	25 mins
1200	840		13 mins	20 mins
1500	1050			14 mins
1800	1260			10 mins

* Backup time is for reference only. Actual duration may vary depending on system load, temperature, battery type and condition.

Backup time table is based on a single battery module. Add Battery Modules for extended backup time. Recommended not to load more than 60%.

Specifications

Model	US8010TR3	US8020TR6BP	US8030TR8BP
Capacity	1kVA / 700W	2kVA / 1400W	3kVA / 2100W
Input Specifications			
Nominal Voltage	230V AC		
Voltage Range	160V - 290V AC (full load), 120V - 290V AC (half load)		
Frequency	50Hz ± 5%		
Output Specifications			
Voltage	230V ± 2%		
Frequency (Battery Mode)	50Hz ± 0.2%		
Waveform	Pure Sinewave		
Distortion (Linear Load)	THD < 3%		
Overload Capacity	105% - 130% for 60 seconds, 135% - 150% for 30 seconds, > 150% for 300 milliseconds		
Load Crest Ratio	3:1		
Transfer Time	0ms		
Battery Specifications			
Type	Sealed Lead Acid, Maintenance Free		
Rating	12V 7AH or equivalent		
Number of Battery	3	6	8
Typical Backup Time	10 to 30 minutes*		
Recharge Time	12 hours to 90% of full capacity after complete discharge		
Display Indication			
Display Type	LED Displays Operation Status of UPS		
LED Display	Load Level / Battery Level / AC Mode / Backup Mode / Bypass Mode / Battery Low / UPS Fault		
Protection	Battery Low Voltage, Overload, Short-circuit, Overheat, Over Voltage		
Environment Specifications			
Operating Temperature	0° to 40°C		
Relative Humidity	0-95% without condensation		
Noise Level	< 45dB		
Audible Alarms			
Battery Mode	Beeping 3 times every 10 seconds		
Battery Low	Beeping 1 times every 0.5 seconds		
Overload	Continuously beeping		
Fault	Continuously beeping		
Network Capability			
Communications	Intelligent Serial Interface - RS232		
SNMP Capability (Optional)	SNMP Adaptor		
Physical Specifications			
Dimension WxHxD (mm)	Power Module - Rack-Mount	440 x 88 x 460	
	Power Module - Tower	88 x 440 x 460	
	Battery Module - Rack-Mount	-	440 x 88 x 460
	Battery Module - Tower	-	88 x 440 x 460
Net Weight (kg)	Power Module	13.5	9.5
	Battery Module (with Batteries)	-	18.5

Specifications are subject to change without prior notice.



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