US 8000

ON-LINE RACK-MOUNT UNINTERRUPTIBLE POWER SUPPLY

Keep Your **Business**
Perpetually
Protected

US8000 Series is designed to suit industrial standard 19" rack-mount systems. It provides perfect protection specifically to fileservers, minicomputers, Internet hubs, telecommunication systems and other mission-critical applications.

Together with Power Kinetics Power Management software, the system provides extensive unattended auto-shutdown for most of the major operating systems. This advance solution provides systematic shutdown and management of your valuable data during power outage.

Features :
- On-line Sinewave ensures compatibility with PC, Server, network and telecommunication equipment
- Wide input range tolerance to cater for environments with irregular mains supply and frequent abnormalities
- Space-saving slim design to fit into industry standard 19" rack
- Ethernet network protection against surges, spikes and noise
- Flexible and expandable battery runtime
- Multiple and dedicated outlets for safe and secure power distribution
- Software providing safe and graceful shutdown of data-sensitive PC and servers
- Automatic self-performed test for proactive management of faults

POWERKINETICS™

US8000

ON-LINE RACK-MOUNT UNINTERRUPTIBLE POWER SUPPLY

PK®

| Emergency Backup Battery | Internet Line Protection | Power Surge Guard | Voltage Regulation |

2 YEAR Warranty
Subject to regional practice

C E

QUALITY SYSTEM
SIRIM
ISO/IEC GUIDE 62 : 1996
Accreditation No.
QS 02121999 CB 01
MALAYSIA
MS ISO 9001:2000 Reg No: AR 0052

Specifications are subject to change without prior notice

* Backup time is for reference only. Actual duration may vary depending on temperature, battery condition and peripherals added.

Models without batteries also available.

All RE models are CE approved except 6kVA models.

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	US8000R Series				US8000RE Series			
MODEL	US8010R3	US8020R8	US8030R8	US8060R20	US8010RE6BP	US8020RE8BP	US8030RE8BP	US8060RE20BP
Capacity	1kVA/700W	2kVA/1400W	3kVA/2100W	6kVA/4200W	1kVA/700W	2kVA/1400W	3kVA/2100W	6kVA/4200W
INPUT SPECIFICATIONS								
Input Voltage	80-300VAC			176-276VAC	80-300VAC			176-276VAC
Input Voltage Range	118-276V AC (Base on load percentage)				118-276V AC (Base on load percentage)			
Input Frequency Range	46Hz-54Hz			46.5Hz-55Hz	46Hz-54Hz			46.5Hz-55Hz
Input Phase	Single phase with ground (L-N-E)				Single phase with ground (L-N-E)			
Input Power Factor	≥ 0.95			≥ 0.97	≥ 0.95			≥ 0.97
OUTPUT SPECIFICATIONS								
Output Voltage	230V AC							
Output Voltage Regulation	± 2%			± 3%	± 2%			± 3%
Output Frequency	46Hz-54Hz (Synchronized Range)							
Output Frequency Regulation	50Hz + 0.2Hz (Battery Mode)							
Load Crest Ratio	3 : 1							
Harmonic Distortion	Linear Load : ≤ 5% THD / Non-Linear Load : ≤ 10% THD							
Output Waveform	Pure Sinewave							
BATTERY SPECIFICATIONS								
Rating	12V 9AH or equivalent				Depending on the capacity of external batteries			
Number of Batteries	3	8		20				
Backup Time (Full Load) *	9 minutes	14 minutes	7 minutes	11 minutes				
Charging Current (Max)	1.0A			1.5A	8.0A		9.6A	4.0A
Charging Voltage	41.1Vdc ± 0.6V	110Vdc ± 0.4V		274Vdc ± 0.5V	41.1Vdc ± 0.6V	110Vdc ± 0.4V		274Vdc ± 0.5V
EFFICIENCY								
To AC Mode	85%	86%		>85%	85%	86%		>85%
To Battery Mode	83%				83%			
TRANSFER TIME								
AC to DC	0ms				0ms			
Inverter to Bypass	2.5ms (Typical)			0ms	2.5ms (Typical)			0ms
ENVIRONMENT SPECIFICATIONS								
Operating Environment	0C to 40C							
Relative Humidity	<95% without condensation							
Noise Level	< 45dB @ 1Meter	< 50dB @ 1Meter		< 55dB @ 1Meter	< 45dB @ 1Meter	< 50dB @ 1Meter		< 55dB @ 1Meter
SYSTEM INDICATORS								
Status	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault							
NETWORK CAPABILITY								
Communications	Intelligent interface–RS232 (DB9). Support Windows 95/98/ME/NT/2000/XP, Linux and most of the Operating Systems (Free download at www.powerkinetics.com)							
SNMP Capability (optional)	NET 100 SNMP Card							
AUDIBLE ALARM								
Battery Mode	Beeping every 4 seconds							
Low Battery	Beeping every 1 second							
Overload	Beeping twice every 1 second							
Fault	Continuous beeping							
PHYSICAL SPECIFICATIONS								
Dimension, WxHxD (mm) - Power Module	482.6x87x450 (2U)	482.6x87x450 (2U)		482.6x132x600 (3U)	482.6x87x450 (2U)	482.6x87x450 (2U)		482.6x132x600 (3U)
- Battery Pack	Not Applicable	482.6x87x450 (2U)		482.6x132x600 (3U)	482.6x87x450 (2U)	482.6x87x450 (2U)		482.6x132x600 (3U)
Weight (kg) - complete with one set of power module and one battery pack (with batteries)	16.3	38.1	39	82.5	32.6	40.8	41.6	87.6

POWERKINETICS™
Powering Impossible Missions

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