



POWERKINETICS

# US9001



POWERKINETICS

# US9001

### UPS Cabinet Specifications

Model	Refer to Cabinet specifications table
System Architecture	Parallel Redundant
Communications*	Intelligent Serial Interface RS232
SNMP Capability*	Via SNMP adaptor
Network Interface*	Support most major Operating Systems
Dimension and Weight	Refer to Cabinet specifications table

### Battery Module Specifications

Model	US9001 BA310E
Battery Type	Sealed Lead Acid, Maintenance Free
Battery Rating	12V 7AH
No. of Batteries	3
Backup Time	Refer to UPS autonomy run time table
Size (WxHxD) mm	134 x 226 x 499
Weight (Kg) with Battery	16
Weight (Kg) without Battery	8

### External Battery Bank Cabinet

Model	US9001 CA1001E
Dimensions mm (WxHxD)	430 x 920 x 560
Weight kg	58

### External Battery Bank Module

Model	US9001 BA510E
Dimensions mm (WxHxD)	170 x 130 x 490
Weight kg	19.5

Battery	
Battery Type	Sealed Lead Acid, Maintenance Free
Battery Rating	12V 7AH
No. of Battery	5
Backup time	Refer to UPS autonomy run time table

External Battery Bank = 1 unit of US9001 CA1001E and 10 units of US9001 BA510E.

\* Applicable when power module is plugged in cabinet.  
\*\* Backup time is for reference only. Actual duration may vary depending on temperature, battery condition and peripherals added.  
Recommended not to connect more than 80% load to a single UPS.

### Power Module Specifications

Model	US9001 PA310E
Output Power Rating	1000VA / 600W
Output Voltage	230V
Output Voltage Regulation	±3%
Output Current Variation	0 to 100% permissible
Load Crest Ratio	3:1
Output Load Power Factor	0.8 - 1.0
Output Overload Capability	150% for 1 minute
Output Frequency	Synchronized to 50Hz on AC mode, ±0.1% on DC mode
Output Waveform	Sinewave
Output Voltage Distortion	<5% THD
Transfer Time	0 ms
Nominal Input Voltage	230V
Input Voltage Range	165 - 275V without using batteries
Input Frequency	50Hz ±5%
Surge Protection	Per EN50082-1, Meets IEC 801-4
EMI Suppression	EN 55022, CISPR 22B
Common Mode Noise Rejection	>80dB
Transverse Mode Noise Rejection	>80dB
Battery Type	Sealed Lead Acid, Maintenance Free
Battery Rating	12V 7AH
No. of Batteries	3
Backup Time	5 to 15 mins**
Battery Diagnostics	Automatic self-test
System Architecture	Modular and Hot Swappable
System Operation	Automatic, Push-button Control
System Diagnostics	Automatic self-test
User Interface	5 LED displays for on, backup, alarm and load level
Audible Noise	<50dBA
Ambient Temperature	0°C to +40°C
Relative Humidity	0% - 90% without condensation
Altitude	Less than 1000m above sea level
Size (WxHxD) mm	134 x 226 x 499
Weight (Kg) with Battery	16
Weight (Kg) without Battery	8

Specifications are subject to change without prior notice.

## ON-LINE FAULT-TOLERANT POWER SUPPLY FOR APPLICATIONS : 1KVA to 12KVA



**PARALLEL  
REDUNDANT**



**MODULAR**



**SCALABLE**



**FLEXIBLE**



**HOT-SWAPPABLE**



**SMART  
COMMUNICATION**



© 2007 PowerKinetics. All rights reserved.  
All other brand names and trade marks are the property of the respective owners.



JST Technology Sdn. Bhd. Co. No. 263942-U  
Email: info@jst.cc Website: www.jst.cc  
221 Jalan Perkaasa Seba, Taman Maluri, Cheras, 55100 Kuala Lumpur, Malaysia. Tel: 03-9289 5555 Fax: 60-3-9289 5556



Email: info@jst.cc Website: www.jst.cc