

## Sine ups

Microcontroller based PWM Technology  
Sine Wave Line Interactive UPS  
1 phase input - 1 phase output



### SALIENT FEATURES

- Fuzzy Logic Control Charging
- No load shut down at battery mode
- Change-over with Phase Synchronisation
- DC Fuse Protection and Electronic Current Limiting Protection
- Cold Start at full load
- LED Battery Indication
- Real time UPS Monitoring Software

### APPLICATIONS

- Personal Computer
- Public Call Offices
- EPABX
- Security Systems
- Multimedia



## TECHNICAL SPECIFICATIONS

Type	1 phase input - 1 phase output			
Series	Sine Wave Line Interactive UPS			
Technology	Microcontroller based PWM technology using MOSFET			
Ratings	800VA	1kVA	2kVA	
Model No.	SU800EB	SU1000EB	SU1000WB	SU2000EB
<b>INPUT PARAMETERS</b>				
Input Supply	1 Phase, 3 Wire			
Voltage Range	145VAC-295VAC		155VAC-295VAC	
Frequency Range	44 to 59Hz			
Power Factor (charging)	>0.9			
<b>OUTPUT PARAMETERS</b>				
Voltage Regulation	200VAC-245VAC ±5V			
Frequency Regulation	50 ±0.2Hz			
Peak Efficiency	>85%			
Output Waveform	Sine Wave			
Total Harmonic Distortion	<5%			
Crest Factor	> 3:1			
Transfer Time (Typical)	5msec	8msec		
Overload Handling Capacity	105% for 3 mins, 160% for 5 secs			
<b>BATTERY PARAMETERS</b>				
Cell/Battery Type	12V/65-88AH	12V/65-88AH	12V/7.2AH	12V/65-88AH
Battery Voltage(Nominal)	12V	24V	24V	48V
Battery Charging Current	6A	6A	0-2A	6A
<b>USER INTERFACE</b>				
Communication Port	RS-232			
Operating System	Windows 95/98/NT/2000/XP/2003 server			
<b>ENVIRONMENTAL PARAMETERS</b>				
Operating Temperature	0-45°C			
Acoustic Noise (at 1mts)	< 50dB			
Relative Humidity	Max 95% non-condensing			
<b>OTHERS</b>				
Indications & Alarms	LED Indications & Alarms			
Protection Class	IP20			
Dimensions-WxDxH (in mm)	148x365x216	148x365x216	148x365x216	180x458x264
Weight (in kgs)	9.8	10.9	12.2	24

Specifications are subject to change without prior notice.

### Global Certifications

ISO 9001:2000    ISO 14001:2004



# Su-Kam

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