



WITH ACTIVE POWER FACTOR CORECTION

**DSP based TRUE ONLINE
TRIPLE CONVERSION VFI TECHNOLOGY**

1 phase input - 1 phase output

SSU-KOM
powered by innovation

TECHNICAL SPECIFICATIONS

Type	1 phase input - 1 phase output			
Series	Sinclair Online UPS			
Technology	DSP based Triple Conversion Online UPS system with true galvanic isolation			
Ratings	3kVA	5kVA	7.5kVA	10kVA
INPUT PARAMETERS				
Input Supply	1 Phase, 3 Wire			
Voltage Range	155-285V AC			
Frequency Range	45-55 Hz			
OUTPUT PARAMETERS				
Power Factor	0.95 to 0.99 (for 10% to 100% Load)			
Voltage Regulation	230V \pm 1%			
Frequency Regulation	50Hz \pm 0.05Hz			
Peak Efficiency	>87%			
Output Waveform	Pure Sine Wave			
Total Harmonic Distortion	< 3%			
Crest Factor	> 3:1			
Transient Response	Recovery to \pm 5% within 1.5 cycles			
Overload Handling Capacity	110% for 5 mins, 150% for 15 secs, 200% for 2 secs, 300% for 1 secs			
BATTERY PARAMETERS				
Battery Type	12V/7.2-200Ah			
Battery Voltage (Nominal)	120V	180V		
Battery Charging Current	0.8A \pm 0.2A to 10A \pm 0.2A			
USER INTERFACE				
Communication Port	RS-232 Server & Client			
Operating System	Windows 95/98/NT/2000/XP/2003 server			
Remote Monitoring	Web Based (Optional)			
ENVIRONMENTAL PARAMETERS				
Operating Temperature	0-45°C			
Acoustic Noise (at 1mts)	< 45dB			
Relative Humidity	Max 95% non-condensing			
OTHERS				
Indications & Alarms	Backlit 16 x 2 Lines LCD Screen with Indications & Alarms			
Protection Class	IP20			
Dimensions-WxDxH (in mm)	557x354x630	557x354x630	576x354x698	576x354x698
Weight (in kgs)	57.5	65	100	104

Specifications are subject to change without prior notice.