

SL SERIES

SL series UPS applies CPU integrated control technology with modified sine wave output. Its input voltage range is wide and its transfer speed is fast. From 600VA up to 2000VA

Feature

- CPU controlled
- Auto re-starts when AC recovers
- Silence setup
- Battery low voltage protection
- Automatic charging (offline charging)
- Overload short circuit protection
- Wide input voltage range
- Optional RJ45/11&USB port

Application

Applicable to household PC, office equipment in enterprise and institution; small communication switchboard and server; LAN device, commercial POS machine; small workstation and its peripheral equipment; banking terminal and ATM system

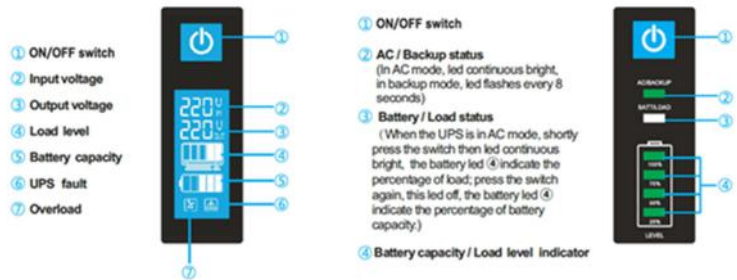
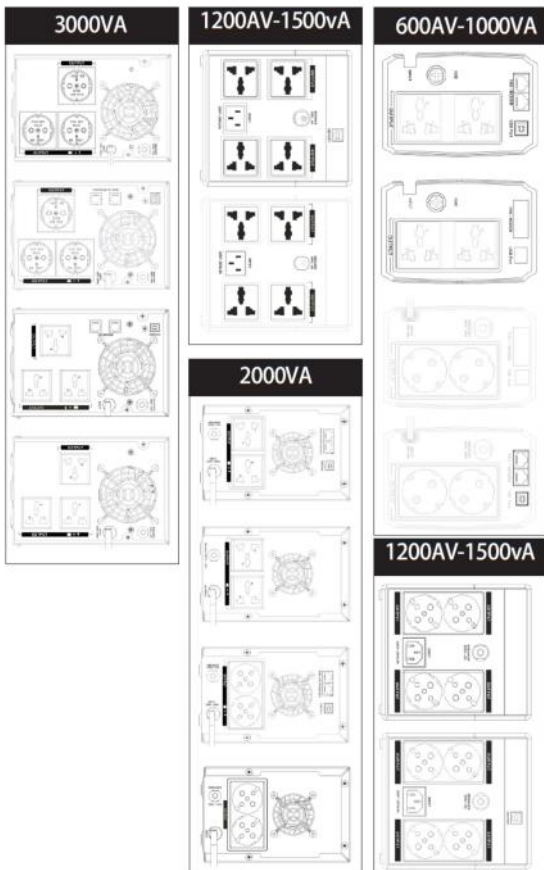
Performance Characteristics

- 1- **Wide input voltage range**
The UPS can offer normal and stable service voltage under its input voltage range. When the input voltage is out of its range the machine will switch to battery mode automatically to keep the output power in order to protect the equipment, such as computers, ensure they will not be damaged by the over high or over low voltage, users can continue the operation of equipment for a while or save the data on computers while the power network is abnormal
- 2- **Wide range of AVR(Automatic voltage regulation)**
SL input voltage range and under 3 steps of intelligent AVR function, it can provide a stable output voltage.
- 3- **Automatic self-detection when UPS on(LED)**
Before the UPS on, red, yellow, blue LED will light up two times by cycle turns, after self-detection UPS switch to AC mode/battery mode or working mode
- 4- **Silence function**
In the "battery mode", shortly press the switch to turn off the buzzer. But the battery is about to run out or the load is too heavy, the buzzer sound cannot be muted
- 5- **Overload protection**
In the battery mode, output voltage turn down correspondingly when it is overload, after the capacity of load is lower than the rated power then output voltage will back to rated value, it ensures the UPS will not shut down by abrupt overload which caused by surging current during the computer is working and other equipment is added
- 6- **Short circuit protection**
When the miss-operation caused the load short circuit or computer failure (such as power tube breakdown of switch) cause short circuit, the UPS will shut down automatically for protection
- 7- **The low current switch**
SL series adopts low current switch to extend the service life which is longer than conventional battery and high current switch in AC current path
- 8- **Automatic charging**
There are two charging mode, charging time is faster than ordinary charging mode, higher efficiency, and greatly prolonging the service life of the battery
- 9- **With a bypass output**
Independent bypass output socket for external printers or scanners of computer peripherals, with surge protection of the load



SL Technical Specifications

Model	SL600	SL1000	SL1500	SL2000	SL3000
Capacity	600VA/360W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
AVR	3 steps of AVR, CPU controlled				
Input					
Input voltage	220/230V/240Vac				
Input voltage range	145~290Vac		175~275Vac		
Frequency	50/60Hz				
Input frequency range	50Hz±5Hz / 60Hz±5Hz (Batter. mode)				
Output					
Output Voltage	220/230V/240Vac				
AC Voltage Regulation (Batt. Mode)	±10%				
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz				
Transfer Time	Typical 2-6 ms				
Waveform (Batt. Mode)	Simulated Sinewave				
Battery					
Battery Qty. & Capacity	1X12V/7Ah	2X12V/7Ah	2X12V/9Ah	2X12V/9Ah	4X12V/9Ah
Charging Time	4~6 hours recover to 90% capacity				
PROTECTION & FUNCTION					
PROTECTION	Battery low voltage protection				
	Overload protection				
	Short circuit protection				
FUNCTION	Auto re-starts when AC recovers				
	Auto re-starts when AC recovers				
	Automatic charging (offline charging)				
PHYSICAL					
Net Weight Kg	3.9	7	9	11	20
Unit Dimension WXD _X H mm	284*95*140	345*146*162		345*122*192	412*145*210
ENVIRONMENT					
Operation Temperature °C	0 to 40				
Humidity	0 to 90% No Condensation				
Noise Level	Noise Level				
MANAGEMENT					
LCD or LED RJ45/11 & USB	Optional				



SATRON Power Solutions
 Approach your local SATRON Power Solutions representative for further support.
 Contact details can be found on:
www.satronpower.com