

SYLION SERIES

850VA-3000VA

Line Interactive UPS
- Single Phase



LCD Display



S-3000EU / S-3000N

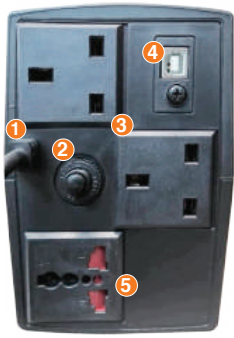
Features

- LCD Display
- Microprocessor-based Digital Control
- Boost and Buck Automatic Voltage Regulation (AVR)
- Auto Sensing Frequency
- Wide Input Voltage Range
- Power-on Self Test
- Cold Start
- Auto Restart When Mains Power is Restored
- Auto Track Mains Phase to Ensure That Inverter Output Voltage Has Same Phase With Utility Voltage, Reducing Transfer Time and Peak Surge
- User Replaceable Batteries
- Intelligent Battery Management: Battery Temperature Compensation to Extend the Battery Life; Three-stage Charging to Shorten Recharge Time
- Short Circuit, Battery Overcharge / Overdischarge, Overload, Surge Protections
- Automatic Charging in Off Mode
- Optional no-load Shutdown
- Optional RS232 / USB Communication Port and RJ11 / RJ45 Protection
- Unattended Safety Shutdown: System Alarm and Auto Power-On / Off by RS232 or USB Interface Communicating with PC
- Plug-and-Play Feature i.e. comes with fixed input plug and 3 to 4 Output Receptacles for easy connection with business or computers systems



S-1200EU, S-1500EU and S-2000EU





S-850EU



S-1200EU, S-1500EU & S-2000EU



S-3000EU

Sylation Series Rear Panel

1. AC Input
2. Fuse / AC Breaker
3. BS 1363A Outputs
4. USB Port
5. Universal
6. Tel/Modem/Fax Surge Protection
7. IEC-320-C13
8. Ventilation Fan

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SYLION SERIES

Technical Specification

MODEL	S-850EU	S-1200EU	S-1500EU	S-2000EU	S-3000EU	S-3000N
Capacity	850VA / 480W	1200VA / 720W	1500VA / 900W	2000VA / 1200W	3000VA / 1800W	
Phase	Single Phase, 2 Wires + Earth					
INPUT						
Voltage Range	220 / 230 / 240VAC : 162 - 295 VAC (145 - 295 VAC Optional)					
Frequency Range	50 - 60 Hz ±10% (auto-sense)					
Input Connections	Fixed Power Cord with BS1363A Plug				Detachable IEC-320-C19 with BS 1363A Plug	
OUTPUT						
Output Voltage	230VAC					
AC Voltage Regulation (Batt. Mode)	±1%					
Frequency Range (Batt. Mode)	50~60 Hz ± 1% (auto-sense)					
Output Connections	(2) BS 1363A (1) UNI	(2) BS 1363A (2) IEC-320-C13		(2) BS 1363A (2) UNI (1) IEC-320-C13		(4) BS 1363A
TOPOLOGY						
Transfer Time (AC Mode to Batt. Mode)	Typical 8-10ms					
Waveform (Batt. Mode)	Simulated Sinewave					
BATTERIES						
Battery Capacity	12V 8AH x 1	12V 7AH x 2	12V 9AH x 2		12V 9AH x 4	
Autonomy	20 - 35 Minutes (Depending on the Equipment Loads)					
Typical Recharge Time	6-8 h					
SYSTEM						
LCD Display	Input Voltage, Output Voltage, Battery %, Load % and Fault					
SAFETY						
RJ11 / RJ45 Surge Protection	N/A	Yes				N/A
Full Protection	Short Circuit, Battery Overcharge, Overdischarge, Overload, Surge					
COMMUNICATIONS / MANAGEMENT						
USB Comm. Port	Yes					N/A
STANDARDS / APPROVALS						
Compliances	CE					
IP Rating	IP 20					
ENVIRONMENT						
Operating Temperature	0°C to 40°C					
Relative Humidity	20% to 90% (non condensing)					
Acoustic Level at 1m	≤ 45 dB					
PHYSICAL PROPERTIES						
Casing Materials	Sto Polymer			Metal		
Dimensions (W x D x H) mm	100 x 290 x 140	125 x 320 x 225		125 x 380 x 225	157.5 x 452 x 211	
Net Weight (kg)	5.2	9.6	11.3	12.9	19.3	

- Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions.
- Only order confirmations and technical documentation by KOSS UPS is binding.
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