

Sentinel 6



The SENTINEL 6 series includes the 700-1000-1500-2000-3000VA models and uses double conversion technology (VFI). The load is powered continuously by the inverter with an EMI filtered, stabilised and regulated sinewave supply. The input and output EMI filters considerably increase the immunity of the load to mains disturbances and surges, even on bypass.

The UPS can power the load for long periods (using battery extension packs) or provide sufficient runtime to allow shut-down of the protected systems using the Watch&Save 3000 software, supplied as standard.

For outstanding power protection and communication SENTINEL 6 is the best solution for sensitive and "mission-critical" applications.

SENTINEL 6 POWER models are supplied with a larger internal charger and with their matching external battery extension packs can achieve long back up times.

OPTIONS

Extended runtime solutions (except 700VA)

Isolation transformer box (wdh) mm

- **S6-700/1000/1000power/1500**
158x434x231
- **S6-2000/2000power
3000/3000power**
158x460x340

CHARACTERISTICS

- Reliable, filtered, stabilised and regulated sinewave output (double conversion technology VFI in conformance with IEC 62040-3 specifications) with filters for atmospheric disturbance suppression
- High level immunity to surges (up to 150%)
- Auto restart on mains return (programmable)
- Start-up without mains (cold start)
- Power factor correction with sinusoidal input to ensure a low impact on the mains supply (UPS input power factor, close to 1)
- Wide input voltage window (110-300Vac) to reduce battery usage
- Integrated protection for PC networks and telephone line/modem connections RJ45-RJ11
- Option to extend the back up time to several hours
- Software-programmable operating parameters
- Timer for scheduled shut-down and power up (software programmable)
- Highly reliable batteries with automatic and manual test feature
- Highly reliable system with full microprocessor control
- Breaker based input protection

ADVANCED COMMUNICATION

- Advanced, multi-platform communication for all operating systems and network environments: Watch&Save 3000 monitoring and shut-down software included, for Windows 2008, Vista, 2003, XP, Mac OS X, Linux, Novell and most popular Unix operating systems.
- Free UPS tools configuration software
- RS232 serial port
- Slot-in SNMP network adapter card.



APPLICATIONS

- Small computers network
- Local Area Networks (LAN)
- Workstations
- Servers
- EPOS (Electronic Point of Sales) system

2-YEAR WARRANTY



Sentinel 6

Technical data

Models	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Power	700VA/490W	1000VA/700W		1500VA/1050W	2000VA/1400W		3000VA/2100W	
Input	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Rated voltage	220 - 230 - 240 Vac							
Minimum voltage range	110V up to 60% of load / 120V from 60% to 70% of load 140V from 70 to 80% of load / 160V from 80% to 100% of load							
Rated frequency	50/60 Hz ± 5Hz							
Power factor	> 0.97							
Input current	Sinewave							
By pass	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Voltage range	180 - 264 Vac							
Frequency range	Selected frequency ±5Hz							
Batteries	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Type	Maintenance-free lead-acid VRLA, AGM							
Recharge time	2-4 h		-	2-4 h	4 h	-	4 h	-
Output	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Rated voltage	Selectable 220, 230 or 240 Vac ±1.5%, Sinewave							
Voltage distortion	< 2%							
Frequency	50 or 60 Hz auto sensing							
Crest factor	3 : 1							
Overload	110% 30'; 130% 30"; 150% 10"							
System	S6-700	S6-1000	S6-1000 POWER	S6-1500	S6-2000	S6-2000 POWER	S6-3000	S6-3000 POWER
Weight (kg)	12	14	8	19	34	14	35	15
Dimensions (wdh) (mm)	158x400x231			158x500x231		192x460x340		
Operating temperature	0 °C / +40 °C							
Relative humidity	< 95% non condensing							
Protection	Overload - short-circuit - overvoltage - undervoltage - temperature - low battery							
Communication	RS232 + communication interface slot							
Compliance	EN 62040-1 EMC EN 62040-2 Directive 2006/95/EC - 2004/108 EC; EN 62040-3							
Surge capability	3KA 8/20 µs							
Colour	Dark grey (RAL 7016)							
Noise	<40 dBA							

Details

