

Sentinel 6 Rack



For outstanding power protection and communication SENTINEL 6 RACK is the best solution for sensitive and "mission-critical" applications. The SENTINEL 6 RACK series comprises the 700-1000-1500-2200-3000VA 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 computer systems using the Watch&Save software, supplied as standard, for Windows 95, 98, Me, 2000, 2003, XP, Mac OS 9.x, X, Linux, NT 4.0, Novell operating systems.

SENTINEL 6 RACK 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)

External manual bypass (wdh) mm/kg

- **Rack version**
438x360x2U / 6,8
- **Box version**
300x115x180 / 3,3

CHARACTERISTICS

- Reliable, stabilised, filtered voltage double on-line conversion technology (VFI according to EN62040-3 specifications) with filters for the suppression of atmospheric disturbances
- High overload capability (up to 150%)
- Auto restart when mains power returns (programmable)
- GS-TÜV certification
- 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 range (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
- Programming of operating functions via software
- Timer for scheduled shut-down (software programmable)
- High level reliability of the batteries (automatic and manual test)
- High level reliability of the UPS (full microprocessor control)
- Breaker based input protection

ADVANCED COMMUNICATION

- Advanced, multi-platform communication for all operating systems and network environments: Watch&Safe supervision and shut-down software included, with SNMP agent, for Windows 95, 98, NT 4.0, Me, 2000, 2003, XP, Novell, Linux, Mac OS 9.x, Mac OS X operating systems. The UPS is supplied with a communication cable for Plug and Play PC connection
- UPS tools configuration software
- Emergency Power Off (EPO) contact
- RS232 serial port
- Slot-in SNMP network adapter card

APPLICATIONS

- Local Area Networks (LAN)
- Data Centers
- Servers
- Industrial PLCs
- Cash registers
- Emergency devices (lights/alarms)
- Telecommunication devices

2-YEAR WARRANTY



Sentinel 6 Rack

Technical data

Models	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Power	700VA/490W	1000VA/700W	1000VA/700W	1500VA/1050W	2200VA/1540W	2200VA/1540W	3000VA/2100W	3000VA/2100W
Input	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Rated voltage	220 - 230 - 240 Vac							
Minimum voltage range	110V up to 60% of load/120V from 60% to 70% of load							
Rated frequency	50/60 Hz ± 5Hz							
Rated current (A)	2.5	3.5	5.2	6.8	10	13.8	14.4	16
Power factor	> 0.97							
By pass	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Voltage tolerance	Static ± 1.5%							
Frequency tolerance	± 0,5%							
Batteries	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Type/Recharge time	Maintenance-free lead-acid VRLA, AGM / 4 h							
Output	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Rated voltage	220 or 230 or 240 Vac selectable ± 1,5%, Sinewave							
Voltage distortion	< 2%							
Frequency	50 or 60 Hz selectable, ± 0,5 %							
Crest factor (I _{peak} /I _{rms})	3 : 1 (up to 100% of load)							
Overload	110% 30'; 130% 30'; 150% 10"							
System	S6R 700	S6R 1000	S6R 1000 POWER	S6R 1500	S6R 2200	S6R 2200 POWER	S6R 3000	S6R 3000 POWER
Weight (kg)	13	16	9	21	30	13	31	14
Dimensions (wdh) (mm)	19"x390x2U		19"x480x2U		19"x560x3U	19"x480x2U	19"x560x3U	19"x480x2U
Communication	RS232 + communication interface slot							
Operating temperature	0 °C / +40 °C, ideal for battery +15 °C / +25 °C							
Relative humidity	< 95% non condensing							
Protection	Overload - short-circuit - overvoltage - undervoltage - temperature - low battery							
Compliance	EN 62040-1 EMC EN 62040-2 Directives 73/23-93/68-89/336 EEC EN 62040-3							
Capability	3KA 8/20 μs							
Colour	Dark grey							
Noise	<40 dBA at 1 m							

Details

