



# STORM R1

SINUS UPS from 750 to 3000 VA



## POWER and TECHNOLOGY for the PROFESSIONALS

Designed to protect workstations, network servers and sensitive equipment in industrial or unstable environments, Storm R1 UPS series provides stabilized and pure sine wave power to all connected devices (battery mode) thanks to its Sinus technology.

Available from 750 up to 3000 VA and equipped with an LCD screen, it constantly displays the input and output electrical line voltage as well as the load and charge level. It can communicate, through its USB port with a management software (included) installed on the protected PC. This software can be used to monitor the UPS status but can also save opened files, close running applications and shutdown the PC should a long power failure occur. Equipped with a high performance charger, it can recharge its batteries in 3 hours (to 90%) even when the UPS is off.



- SINUS Technology
- LCD screen
- Rack or tower
- Wave form : pure sine-wave (battery mode)
- IEC output sockets: UPS & surge protected
- Batteries recharge while UPS is off
- Auto-restart function
- Network protection (RJ45)
- USB/RS232 communication port
- Cables & software INCLUDED



Up to  
**20 min**  
Backup Time

[www.selfprotec.com](http://www.selfprotec.com)

STORM		750 R1	1000 R1	1500 R1	2000 R1	3000 R1	
Capacity		750 VA / 500 W	1000 VA / 700 W	1500 VA / 1050 W	2000 VA / 1340 W	3000 VA / 2100 W	
Technology	Type	Sinus technology					
	Nominal Voltage	220 / 230 / 240 V					
	Voltage Range	176~228 ±4V					
Input	Nominal frequency	50 / 60 Hz (Auto detect)					
	Frequency range	± 10%					
	Surge protection	320 J		640 J			
	Nominal Voltage	220 / 230 / 240 V					
Output	Voltage range	Normal Mode : ±10% / Battery mode : ±5%					
	Frequency	50 / 60 Hz ±0.1% (Battery mode)					
	Waveform	Normal Mode : same as input / Battery mode : True sine wave					
	AC-AC efficiency	> 95% (92% in AVR mode)					
	DC-AC efficiency	> 85%					
	Transfer Time	2~4 ms (< 6 ms)					
	Sockets	IEC x4	IEC x6	IEC x8			
Battery	Type	Sealed, Maintenance-free Lead Acid					
	Current	24 VDC		48 VDC		96 VDC	
	Capacity Number	12V, 7Ah x2	12V, 9Ah x2	12V, 9Ah x4		12V, 4.5Ah x8	
	Recharge time	3 hours to 90% (Can recharge when the UPS is off)					
	Cold start	Yes					
	Overload protection	Normal mode	>110 % for 3 minutes, > 150 % for 10 Cycles				
Battery mode		>110 % for 30 seconds, > 120 % for 5 Cycles					
Protection	Overload / Short-circuit	Input fuse & Current limitation					
	Surge and spikes	yes					
	Standard	USB & RS232					
Communication	Other	N/A		EPO, SNMP (option)			
	Software	WinPower (Windows 95/98/ME/NT/2000/XP/2003/Vista/2008, Linux, Sun, IBM Aix 4.3 and 5.1.x, HP-UX 11.x, FreeBSD, MAC)					
	Norms	Safety standard CE-LVD, CE-EMC, RoHS					
Environment	Temperature	0~40°C					
	Storage temp	0~25°C (recommended for batteries)					
	Humidity	20~80% R. Humidity, Non-condensing					
	Noise	< 55 dB					
	Dimension(D*W*H)	235 x 56.2 x 383 mm			217 x 86.5 x 413 mm x2 units (1 UPS + 1 Batt.Bk)		483 x 46.2 x 582 mm
	Net Weight	8.6 kg	9.6 kg	6.5 + 12 Kg		31.5 kg	