CLASS A



Features

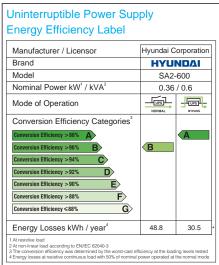
- High efficiency
- RFI / EMI filtering
- Cold start function
- IEC 62040-3 compliant
- Wide input voltage range
- Lightning and surge protections
- Internal battery for consumption loads backup time
- SNMP management capability for SA3 models (optional)
- Overload / output short circuit / battery under voltage protection

A base UPS combined with a stabilizer in order to protect computer and accessories from disturbances. This UPS cannot support the required energy for many types of equipment; however the up-to-60-minute backup time it provides, for a PC

or one LCD TV and a home theatre, covers most of the requirements. Naturally the backup time depends on the consumption mode; for example a SA2-1200 UPS can support a fax or a small central telephone for a minimum of 2 hours. A beep announces the status of the battery and remaining backup time.

Applications

- Workstations
- Standalone PCs
- Small security systems
- Central telephone systems
- LCD / LED TV and home theatres



Technical data sheet

Model	SA2-1200	SA3-1200	SA2-600	SA3-600	Unit
Power rating (W/VA)	360/600		720/1200		W/VA
Dimensions W*D*H	100*340*150			10*190	mm
Weight (approx.)	6.5			kg	
Environmental					·
Storage temperature	-20 to 70				°C
Operating temperature	0 to 40				°C
Altitude	<3000				m
Relative humidity	0 to 95 without condensation				%
Degree of protection (IEC 60529)	20				IP
Normal mode	<35				dBA
Acoustic noise at 1.0 m					
Stored energy mode	<40				dBA
Acoustic noise at 1.0 m					
Electrical input characteristics	,				
Nominal AC voltage	220/230				V r.m.s.
Voltage range	140 to 280				V r.m.s.
Frequency range	48 to 52				Hz
Phase	Single				
Electrical output characteristics					
Nominal AC voltage	220/230				V r.m.s.
Voltage variation	+10%, -15%				V r.m.s.
Nominal frequency	50				Hz
Frequency variation	48 to 52				Hz
Waveform	Semi-sine wave				
Efficiency	>97				%
Overload capability	150 @ Starting, 120 @ 6 sec.				%
Transfer time	<10				ms
Battery characteristics					
Internal battery rating and quantity	1*12'	V/7.2 Ah	2*12\	//7.2Ah	
Type	Sealed lead acid battery (maintenance free)				
Maximum charging current	0.7				A
Monitoring and Alarms	,				·
Front panel monitoring type	LED	LCD	LED	LCD	
PC Communication	-	RS-232	-	RS-232	
Periodic audible alarm	Buzzer	* Buzzer	Buzzer	* Buzzer	* With manual disabling key
Protections					
 Battery under voltage 					
 Overload 					
 Output short circuit 					