ACTCO®
The Power Protection Specialist

Technical Specification

Details		
Model	:	ASPIRE-6000SP
Power	:	6kVA
Technology	:	On-line 'double conversion'
Design	:	Tower & Rack Convertible
Input		
Nominal Voltage	:	220Vac / 230Vac / 240Vac
Frequency	:	45 - 65 Hz
Power Factor	:	0.99
Output		
Nominal Voltage	:	220Vac / 230Vac / 240Vac
Wave Form	:	Pure Sine Wave
Total Harmonic Distortion @ 100% linear load	:	< 3%
@ 100% non-linear load	:	< 5%
Frequency	:	50/60 Hz
Frequency Tolerance (free running)	:	± 0.1%
Frequency Synchronized Range	:	± 1 Hz; ± 3 Hz
Static Voltage Regulation (0% - 100% load)	:	< 1%
Crest Factor	:	3
Transfer Time	:	0 sec
Overload	:	Up to 10 mins @ 100% - 120% Up to 1 min @ 120% - 150% Transfer to bypass @ >150%
Total Efficiency	:	Up to 90%
Greenmode Efficiency	:	> 97%
Battery		
Type	:	Maintenance-free lead acid batteries
Recharge Time	:	4 - 6 hrs up to 90%
Voltage	:	240VDC
Cold Start	:	Present
Display		
LED + LCD Display	:	Line Mode, Backup Mode, ECO Mode, Bypass Supply, Battery Low, Battery Bad/Disconnect, Overload and Transferring with Interruption & UPS Fault
LCD Display	:	Input Voltage, Input Frequency, Output Voltage, Output Current, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature
Audible and Visual Alarm	:	Line Failure, Battery Low, Transfer to Bypass, System Fault
Environment		
Operating Temperature	:	0°C.... + 40°C
Proposed Temperature to extend battery life	:	20°C - 25°C
Humidity	:	up to 90% (non-condensing)
Audible Noise at 1m	:	< 50 dB
Physical Specifications		
Net Weight	:	25kg
Dimension (mm)	:	440 x 88 x 680

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