

TECHNICAL SPECIFICATIONS

	SafeBox 450	SafeBox 650
GENERAL CHARACTERISTICS		
Technology	High Frequency (microprocessor controlled)	
Power	450 VA	600 VA
	200 W	300 W
Power factor	0,45	
Output connectors	2 French backup time outlets	
Tel/ADSL line protection	RJ11 (1-IN/1-OUT)	RJ11 (1-IN/1-OUT)
PROTECTION & FILTERING		
Output form	Modified Sinewave	
Protection	Discharge / overcharge / overload Phone/ADSL line protection	
Input protection	Circuit breaker	
Transfer time	2-6 ms (typical)	
PHYSICAL CHARACTERISTICS		
Dimensions HxWxD (mm)	230 x 80 x 185	
Weight kg	2,5	3,1
INPUT TECHNICAL CHARACTERISTICS		
Voltage	220/230/240 V	
Voltage range	170/280 V	
Frequency	50HZ/60Hz (auto sensing)	
OUTPUT TECHNICAL CHARACTERISTICS (battery mode)		
Voltage	220 V	
Voltage regulation	± 10 %	
Frequency	50 /60 Hz ± 1 Hz	
BATTERY		
Battery charger	Operates when the UPS is connected to mains	
Cold start (no mains)	Yes	Yes
Battery type & number	12V/4.5Ah x 1 pc	12V/7Ah x 1 pc
Recharging time	16 hours to 90% after complete discharge	
Backup time (1 PC load)	Up to 10 min	Up to 20 min
INDICATORS		
Light indicators	2 LEDs	
AUDIBLE ALARMS		
Battery mode	Sounding every 4 seconds	
Battery weak at AC mode	Sounding every 2 seconds for 30 seconds	
Battery fault at AC mode	Sounding 3 times every 2 seconds	
Low battery at battery mode	Sounding every second	
Fault	Continuously sounding	
ENVIRONMENT		
Ideal Environment	0-40°C, 0-90% of relative humidity (without condensation)	
Noise level	< 45dB	
NORMS		
Security / Standard	CE	
EMC (Electromagnetic compatibility)	IEC 62040-2 / IEC 61000-3-2 / IEC 61000-3-3 / EN 55022 / IEC 61000-6-2 / IEC 61000-2-2	
Low voltage (Safety)	EN 62040-1-1	
SALES INFO		
Warranty	2 year	
Insurance	120 000 €	
Gencods	3700085 65424 8	3700085 65425 5