

MODEL	GUARDIAN 600A/AP	GUARDIAN 650A/AP	GUARDIAN 800A/AP	GUARDIAN 1000A/AP	GUARDIAN 1500A/AP	GUARDIAN 2000A/AP
	GUARDIAN	GUARDIAN	GUARDIAN	GUARDIAN	GUARDIAN	GUARDIAN
	LCD 600A/AP	LCD 650A/AP	LCD 800A/AP	LCD 1000A/AP	LCD 1500A/AP	LCD 2000A/AP
INPUT						
Capacity (VA)	600	650	800	1000	1500	2000
Voltage	220V or 230V					
Input Voltage Range	-25%, +25%					
Frequency	50 or 60 Hz (auto sensing)					
OUTPUT						
Power Factor	0.6					
Voltage (On battery)	220V or 230V ±10%					
Waveform (On battery)	Simulated Sinewave					
Frequency (On battery)	50 or 60 Hz ±1Hz					
Voltage Regulation (AVR)	AVR automatically increases output voltage 15% above input AVR automatically decreases output voltage 15% below input					
Transfer Time	2 - 6 ms.					
Outlets	1pcs Schuko 1pcs		2pcs Schuko 2pcs IEC			
BATTERY						
Type	Maintenance - Free lead acid batteries					
Recharge Time	6 hours (to 90% of full capacity)					
Voltage	12 VDC			24 VDC		
Back up time	5-30 minutes (depending on computer load)					
DISPLAY						
LED Display	Fault, Battery Mode, AC Mode					
LCD Display	Input&Output voltage values, AC mode/Load Level/Battery Capacity Indicators					
(for Guardian LCD)						
PROTECTION						
	Short Circuit, Overload, Battery Discharge, Overcharge,					
COMMUNICATION						
Communication Interface	USB port (only AP models)					
AUDIBLE ALARMS						
	Battery Mode (every 10 seconds), Low Battery (every second), Battery Replacement (every 2 seconds), Fault (Continuous)					
ENVIRONMENT						
Operating Temp.	0-40 °C					
Humidity	0 to 90% non-condensing					
Audible Noise	<40dBA					
Protection Class	IP20					
PHYSICAL						
Net Weight(kg)	4	4,25	4,9	8	11,1	11,5
Dimensions (mm) DxWxH	100x287x142			146x350x160	146x397x205	
STANDARDS						
Standards	EN 62040-1-1 (safety), EN 62040-2 (EMC)					