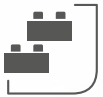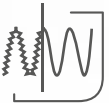# GUARDIAN
ELEGANT AND SAFE

→ Line Interactive UPS
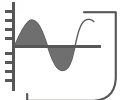→ Microprocessor Controlled
→ 600-2000VA

With its ease of use, INFORM GUARDIAN UPS offers secure solutions for office and home application.

The loads secured by INFORM GUARDIAN UPS is not affected by voltage fluctuations in the electrical energy.
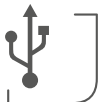
With intelligent battery management, INFORM GUARDIAN UPS maximizes battery life, performance and reliability.

INFORM GUARDIAN UPS produces a simulated sinewave suitable for your loads.

INFORM GUARDIAN UPS has a wide input voltage operation range providing secure range output voltage; Thanks to Boost and Buck Automatic Voltage Regulator (AVR)
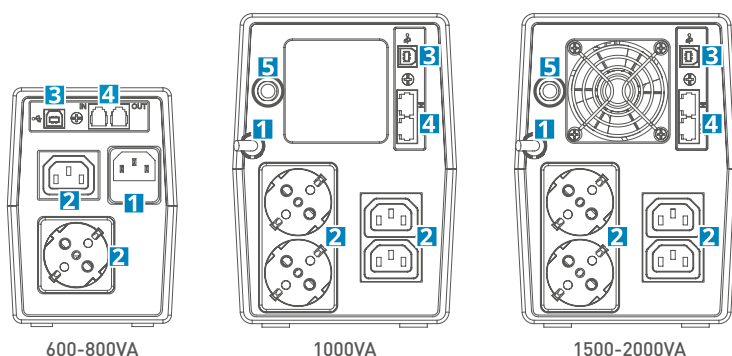
Tel/Modem Internet protection
USB Communication Interface and Remote Monitoring Software (*only for AP model)

INFORM GUARDIAN UPS is environmental friendly.

✳ inform

GUARDIAN Series Specifications

MODEL	GUARDIAN LED - LCD A/AP				
Nominal Power (VA)	600VA	800VA	1000VA	1500VA	2000VA
INPUT					
Input Voltage	220V/230V				
Input Voltage Range	162-290VAC				
Input Frequency	50 or 60 Hz (Auto-sensing)				
OUTPUT					
Output Power Factor	0,6				
Output Voltage (Battery)	220V or 230V ± 10%				
Output Waveform (Battery)	Simulated Sinewave				
Output Frequency (Battery)	50 or 60 Hz ± 1Hz				
Output Voltage Regulation (AVR)	AVR automatically increases output voltage by 15% above of input voltage if input is -10% to -26% of nominal AVR automatically decreases output voltage by 15% below of input voltage if input is +10% to +22% of nominal				
Transfer Time	2 - 6 ms				
Outputs	1xSchuko & 1x IEC C13		2xSchuko & 2xIEC C13		
BATTERY					
Battery Type	Maintenance Free Lead Acid Batteries				
Battery Charge Duration	6 hours (90% capacity)				
Nominal DC Voltage	12VDC		24VDC		
Battery Quantity	1 x 12V 7Ah	1 x 12V 9Ah	2 x 12V 7Ah	2 x 12V 9Ah	
DISPLAY					
LED Display	Fault (not for 600VA model), Battery Mod, Online Mod				
LCD Display	Input-Output Voltage, Battery Capacity, Load and UPS Status				
LCD Display Dimension (mm)	27x19				
ALARMS					
ALARMS	Battery Mode (Sounding every 10 seconds), Low Battery (Sounding every seconds), Overload (Sounding every 0.5 seconds), Fault (Continuously sounding)				
PROTECTION					
PROTECTION	Short-circuit, Overload, Battery overcharge-discharge, Tel/Modem (only for AP model)				
COMMUNICATION					
Interface	USB Port (@AP Models), RJ11 (@ 600AP-800AP), RJ45 (@1000AP, 1500AP, 2000AP)				
Software	Present at AP models only				
ENVIRONMENTAL					
Operational Temperature	0 to 40°C (20 to 25 recommended for longer battery life time)				
Humidity	% 0-95 (non-condensing)				
Noise Level (1m distance)	<40dBA				
Protection Level	IP20				
PHYSICAL					
Weight (kg)	4,2	4,9	8,2	10,4	11
Dimensions (WxDxH) mm	101x279x142		130x320x182		
STANDARDS					
STANDARDS	EN 62040-1-1 (Safety), EN 62040-2 (EMC)				

600-800VA   1000VA   1500-2000VA

1. AC Inlet
2. Outlet
3. USB Port
4. Tel / Modem
5. Circuit Breaker

*İNFORM reserves the rights to change the technical specifications and design without notice.

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