HOME/OFFICE   EMERGENCY

inform

Guardian & Guardian LCD

1 Phase In – 1 Phase Out / 600 VA – 2000VA

- ■ Microprocessor controlled Line Interactive Technology
- ■ Boost and Buck Automatic Voltage Regulation (AVR)
- ■ LCD or LED Display Panel
- ■ Advanced Battery Management (ABM)
- ■ Input Frequency auto sensing (50/60 Hz)
- ■ Auto restart after mains recovery
- ■ Charging during switched off mode
- ■ Short circuit and overload protection
- ■ Cold Start Function
- ■ USB Communication Interface and
  Remote Monitoring Software*
- ■ RJ45 or RJ11 tel-modem surge protection**
- ■ Compact size and user friendly operation

* Available at AP models only
**Available at LCD AP models only

VI TYPE				LCD
UPS LINE INTERACTIVE	TOWER	PLUG & PLAY	USB	LCD DISPLAY (600-2000 VA)

TECHNICAL 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 Mode, Online Mode				
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	AP MODELS: USB PORT, LCD (AP) MODELS: USB PORT and 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)				