



Trigger line-interactive **ProGuard series** UPS is a cost-effective solution that offers an uninterrupted supply of power and protection for Computers, Network Peripherals, POS and CCTV equipment used in home offices and small businesses. Friendly LCD indicators display UPS status at a glance and audible alarms provide indication of UPS, utility and load power conditions.

The presence of an electronic automatic voltage regulator (AVR), 2 boost and 1 buck, delivers a stable and continuous output power supply. Even under severe power conditions, the **ProGuard** series UPS provides the connected loads a continuous and effective protection against any interference, such as power failure, power sags and surge, in the electrical mains. The wide input voltage range reduces the probability of the battery discharging, thus, prolonging the battery lifetime. With the design of dedicated battery compartment, battery replacement becomes easy.



Computer



Network
Peripherals



POS



CCTV



Key Features

- Line Interactive UPS
- Auto-Restart on AC Recovery
- Wide Input Voltage Range
- Boost and Buck AVR
- DC Cold Start Function
- Dedicated Battery Compartment
- Friendly LCD Display

ProGuard Series

650/850/1100/1600/2200 VA

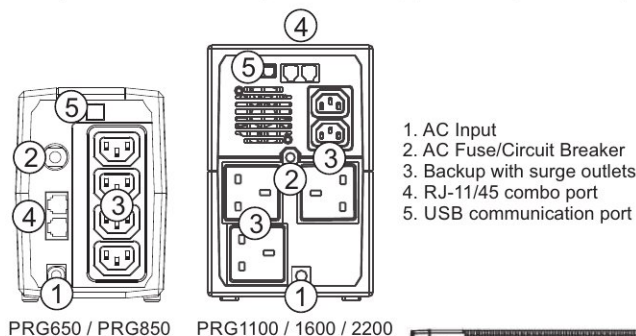
UNINTERRUPTIBLE POWER SUPPLY



MODEL		ProGuard Series			
Model	PRG650	PRG850	PRG1100	PRG1600	PRG2200
CAPACITY					
Capacity (VA)	650 VA	850 VA	1100 VA	1600 VA	2200 VA
Capacity (W)	360 W	480 W	600 W	900 W	1200 W
INPUT					
Nominal Voltage	230 VAC				
Voltage Range	154 to 280 VAC (Optional 140 to 295 VAC wide range version)				
Frequency	50 / 60 Hz (Auto-sensing)				
OUTPUT					
Nominal Voltage	230 VAC				
Voltage Range	+10% to -10%				
Frequency	50 / 60 Hz (+1% to -1%)				
Wave Form	Modified Sinewave				
Transfer Time	< 6 ms (typical)				
Total Harmonics Distortion (THD)	< 3% with Linear Load				
BATTERY					
Type	Valve-Regulated Maintenance Free Sealed Lead Acid				
Battery Rating	12V, 7AH	12V, 9AH	12V, 7AH	12V, 9AH	12V, 9AH
No. of Batteries	1	1	2	2	2
INDICATIONS					
LCD	Input & Output Voltage, Load level / Battery capacity / Fault				
AUDIBLE ALARMS					
Battery Mode	Beeping every 4 seconds				
Battery Low on DC Mode	Beeping every second				
Fault / Overload	Continuous Beeping				
ENVIRONMENT					
Operating Temperature	0° to 40°C (32° to 104°F)				
Relative Humidity	0% to 90% Non-condensing				
Noise Level at 1 meter	≤ 40dB				
PROTECTION					
AC Surge Protection	320 Joules		480 Joules		
Phone/Fax/Network Surge Protection	RJ-11 / 45 combo port (1 in & 1 out)				
COMMUNICATION					
Interface	USB with bundled software				
PHYSICAL					
Dimensions (W x D x H) mm	100 x 315.5 x 141		135 x 343 x 208		
Weight (kg)	4.7	5.7	8.1	9.7	11.4
IEC C13 Outlets (PRG650/850)	4 (Standard)		8		
UK Outlets (PRG1100/1600/2200)	2		2 IEC + 3 UK (Standard)		
Universal Outlets (Optional)	2		2 IEC + 4 Universal		
Nema Outlets (Optional)	2		2 IEC + 4 Nema		
Schuko Outlets (Optional)	2		2 IEC + 4 Schuko		
CERTIFICATIONS					
Safety Approvals	CE, RoHS				

Note: The product specification listed is subjected to change without notice.

Battery runtime is for reference only and varies with equipment, battery condition, temperature, etc.



Dedicated battery compartment

Estimated Battery Runtime Table

Load		PRG650	PRG850	PRG1100	PRG1600 PRG2200
VA	Watt	Time in Minutes			
100	60	60	62	110	150
300	180	10	13	25	35
500	300	5	7	13	23
1000	600			5	8
1500	900				3
2000	1200				1