

Power Guard UPS

Power Backup + Protection

Give Protection from Power impurities.
Save your work & equipment when Power goes.



- Line interactive design
- Fully digitized microprocessor controlled
- AVR input voltage Range 140V- 300V
- Off mode Battery charging
- 20A super battery charger
- Cold start function (DC power on)
- Short circuit and overload protection
- Auto restart while AC is recovering

Model	PGE-LI-1000	PGE-LI-2000
Capacity	1000VA/600W	2000VA/1200W
Input		
Voltage	230V	230V
Frequency Range	45-55Hz	45-55Hz
AVR	140V-300V	140V-300V
Connection (1.5m wire)	3 pin, 10A plug	3 pin, 10A plug
Output		
Voltage on mains	230V + 10% -15%	230V + 10% -15%
Frequency on mains	Follows input	Follows input
Voltage on Battery	230V ± 10%	230V ± 10%
Waveform	Quasi sinewave	Quasi sinewave
Power Factor Lagging	0.6	0.6
Sockets	4 x universal sockets	4 x universal sockets
Protection		
Input Protection	MCB / Fuse	MCB / Fuse
O/P short circuit	UPS shutdown immediately	UPS shutdown immediately
O/P overload shutdown	110% for 3 min, 150% for 10 Sec	110% for 3 min, 150% for 10 Sec
Transfer Time		
Mains to Inverter	4 - 8 ms	4 - 8 ms
Battery		
DC Bus	12V	24V
Internal Battery	Nil	Nil
Battery charge current	5/10/20 A selectable	5/10/20 A selectable
Protection	Auto discharge protection	Auto discharge protection
Typical Recharging time	10 - 12 hours	10 - 12 hours
Indications		
Line Mode	Green LED	Green LED
Inverter Mode	Yellow Flashing	Yellow Flashing
Fault	Red LED	Red LED
Alarm		
Battery Low		Rapid beeping sound (1 sec)
Overload		Continuos beeping sound
Ambient operation	0-40°C, 0-95% humidity non condensing, 3500 meter max.	
Environment		
Audible noise	< 40 DbA (1 meter from surface)	
Storage Condition	15,000 meter max. Elevation	
Physical		
Weight	8 Kgs.	10 Kgs.
Dimension - DxWxH (mm)	350 x 146 x 160	350 x 146 x 160

Specification subject to change without prior intimation



UPS with Long backup - 1 year warranty

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