

Power Guard UPS - PGHF Neptune Pro Series



Power Backup + Protection

Give Protection from Power impurities.

Save your work & equipment when Power goes.

- True double conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110V - 300V)
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- LCD display allows easy monitoring and access of UPS status

Model	PGE-HF 1K BIB Neptune Pro	
Capacity	1000VA / 800W	
Input	Voltage	230V
	Frequency	50 Hz
	Voltage / Load	175-290... 100%
	Power Factor	> 0.99 at full load
	Phase	Single Phase with ground
	Connection	3 Pin Indian Power Cord
Output	Voltage on Battery	220/230/240V $\pm 2\%$ (selectable output voltage)
	Frequency on Battery	50Hz $\pm 0.5\%$
	Waveform	Pure sinewave
	Power Factor Lagging	0.8
	Efficiency (AC to AC)	> 85%
	UPS Design Technology	Online, fully digitized microprocessor controlled, IGBT technology
	Harmonic Distortion	< 3% of THD at linear load; 5% of THD at non linear load
	Crest Ratio	3:1
	Sockets Universal	2
	Protection	O/P short circuit
O/P overload shutdown		110% for 30 sec, 125% for 1 sec
Input		Input cct breaker
Transfer Time	Mains to Inverter	0 ms
Battery	DC Bus	24V
	Internal Battery	2 x 7AH SMF
	External Battery	2 x 7AH SMF
	Backup on 3 PC load	> 30 minutes
	Protection	Auto discharge protection, self test, cut off when battery low
	Typical Recharging time	1A fast charger, 6 hrs (to 90% full capacity)
Indications	Cold Start	Yes
	LCD Model	Input voltage & freq, output voltage & frequency online, backup mode, load level.
Alarm	Battery backup	Slow beeping sound (every 4 sec)
	Battery Low	Rapid beeping sound (each sec)
	Overload	Continuous Beeping Sound
Interface	USB	Supports WinXP, Windows 8, Linux, Mac
Software	Monitoring	View power, bundled with each UPS
	SNMP	Optional
Environment	Ambient operation	0-40° C, 0-95% humidity non condensing, 3500 meter max.
	Audible noise	15,000 meter max. Elevation
	Storage Condition	< 40 dBA (1 meter from surface)
Physical	Weight	9.80 Kg.
	Dimension:DxWxH (mm)	282 x 145 x 220

Specification subject to change without prior intimation



UPS with in Built Battery