

Power Guard UPS PGEHF 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
- Charger capacity expansion to 6A for long-run models
- Smart SNMP works well with either USB or RS-232 together
- LCD display allows easy monitoring and access of UPS status

Model	PGEHF-1K Neptune Pro	PGEHF-2K Neptune Pro	PGEHF-3K Neptune Pro	PGEHF-6K Neptune Pro	PGEHF-10K Neptune Pro
Capacity	1000VA / 800W	2000VA / 1600W	3000VA / 2400W	6000VA / 4800W	10000VA / 8000W
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 Terminal Block Terminal Block				
Output	Voltage on Battery 220/230/240V ± 2% (selectable output voltage) Frequency on Battery 50Hz ± 0.5% Waveform Pure sinewave Power Factor Lagging 0.8 Efficiency (AC to AC) > 85% > 85% > 85% > 89% > 89% 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 3:1 3:1 3:1 3:1 Sockets Universal 2 3 3 Terminal Block Terminal Block				
Protection	O/P short circuit UPS output cutoff immediately 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 36V 72V 72V 192V 240V External Battery external battery connection Protection Auto discharge protection, self test, cut off when battery low Typical Recharging time 1/2/4/6A selectable fast charger 4.2A constant current 6 hrs (to 90% full capacity) 6 hrs (to 90% full capacity) Cold Start Yes Yes				
Indications	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 Viewpower software free downloadable 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) < 55 dBA				
Physical	Weight 4.1 Kg. 6.8 Kg. 7.4 Kg. 15 Kg. 18 Kg. Dimension:DxWxH (mm) 282 x 145 x 220 397 x 145 x 220 397 x 145 x 220 442 x 190 x 318 442 x 190 x 318				

Specification subject to change without prior intimation



Online UPS - long backup models - 1 year warranty