

Power Guard UPS PGEHF-10k31

Power Backup + Protection

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



- True on-line technology provides all power protection
- Input Power factor correction
- Pure sine-wave output with less than 2% THD
- Fully digitized microprocessor controlled
- Cold start function (DC power on)
- Battery replacement warning
- Schedule shutdown & reboot
- Emergency Power Off function
- LCD display front panel
- Optional SNMP Card slot
- Wide input voltage range
- Manual bypass setting
- Free run mode setting
- Support USB communication
- Short Circuit and overload protection
- Advanced battery management (ABM)
- Automatic battery charge in UPS off mode
- Automatic diagnostics & battery check
- History record of power failure events
- VIEWPOWER plus software monitoring
- Extended back up time with battery pack
- Fan speed auto control when loads varies

Model		PGE HF-10k31
Capacity		10KVA/8KW
Input	Voltage / Load	380V, 400V, 415V (3Ø, 5 Wires)
	Voltage Range/Load	Voltage Range 208-241V 242-276V 277-311V 312-478V
Output	Frequency & PFC	50 / 60 Hz Auto Sensing, PF > 0.99 on 100% load
	Voltage on battery	208V, 220V, 230V, 240V ± 2% (Selectable Output Voltage)
	Frequency on battery	50 / 60 Hz ± 0.5%
	Transfer Time	0 ms
	Overload Recovery	Auto Transfer to UPS
	High Efficiency Mode	> 89% (AC to AC)
	UPS Design Technology	On-line / Fully digitized microprocessor controlled
	Output Waveform	Sinewave
Harmonic distortion		< 2% of THD at linear load, < 5% of THD at non linear load,
	Crest Factor	3:1
Protection	Surge Protection	IEC61000-4-5 level 3
	Overload Protection	125% for 1 min & 150% for 10 sec, 130% for 10 sec & 150% for 1.5 sec (on battery)
	Short Circuit Protection	UPS output cut-off immediately or input fuse / circuit breaker protection
System	Visual Display (LCD model)	IP/OP volt., IP/OP freq. On-line mode, backup mode, battery capacity, load level
Display / Warning	Audible Alarm	Beep every 5 sec (battery back-up)
	UPS Fault	Continuous Beeping Sound and LCD display
	Communication	RS-232 serial port and USB
Battery	Type / DC Voltage (V)	Sealed, maintenance free lead acid batteries / 240V DC Bus
	Typical Recharging time	6 hours (to 90% full capacity)
	Battery Protection	Cut off without draining and current when battery is low
	Cold Start (DC start)	Yes
	Charging current	4A
Physical	Input Inlet / Receptacles	Hardwire / Hardwire
	Tower Dimension - mm	200 x 592 x 576
Environment	Net. Wt. Kgs.	30.0
	Operating Temperature	0-40°C
Environment	Storage Temperature	-20 ~ 50°C
	Audible Noise	< 55 dBA (1 meter from surface)
	Relative Humidity	0 ~ 95% humidity, non-conditioning

Specification subject to change without prior intimation



UPS with Built in Battery - Plug & Play - 1 year warranty