

# PASCAL<sup>®</sup> H1 Series **New**

## Sine Wave Output On Line Power Protection

Tower: PCL-600H1, PCL-1000H1, PCL-2000H1, PCL-3000H1

The PASCAL<sup>®</sup> H-series On Line UPS is designed with the latest technology, making it distinguished by its performance and reliability. The input range is extraordinary wide from 110V upto 300V so that the UPS can still run in areas of poor utility and robust in various applications. The rectifier stage of PASCAL<sup>®</sup> H1-series implements PWM, high frequency and power factor correction method. Therefore the input current is purely sine wave, and power factor can be over 98%. This UPS also have small harmonic current drawn from the utility. All power stages are carefully designed to optimize efficiency to save user's operational cost.

Added to all that features, the PASCAL<sup>®</sup> H1-series comes with a Compact Multi DescriptionLCD panel (Neo LED) which is very user friendly, with Self-Description, Easy to read and understand.

The PASCAL<sup>®</sup> H1-series also support remote monitoring using RS232 port, or optional SNMP card for LAN monitoring. With this complete protection design and remote monitoring capability, it makes PASCAL H1-series the best choice to protect your equipments.

### Features:

- Truly On-line, Sine Wave output
- Extraordinary wide input from 110VAC to 300VAC
- DC start, Automatic self diagnostic
- RS232 Communication port and SNMP slot for remote monitoring, USB port [ Optional ]
- Compact Design
- Enhanced protection against surges, Lightning, Disturbances, etc
- Galvanic Isolation Transformer[Opt]



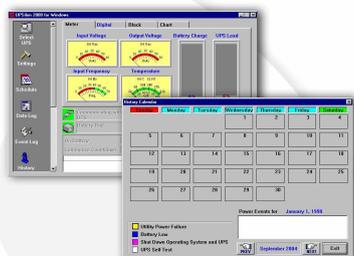
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**EST. 1984**

# PASCAL UPS and STABILIZER

## Specification:

Model	PCL 600 H 1	PCL 1000 H 1	PCL 2000 H 1	PCL 3000 H 1
Topology	On-Line Dual Conversion			
Capacity	600 VA / 480W	1KVA / 800W	2KVA / 1600W	3KVA / 2400W
Input	160-300Vac (70 - 100% load), 140-300Vac (50-70% load), 110-300Vac (0 -50% load)			
	Voltage Range			
	Frequency Range			
	Phase			
	Power Factor Correction			
Output	220 Vac [ Option: 230, 240 VAC]			
	Wave - Form			
	Voltage Regulation		+ / - 1%	
	Frequency		Synchronized (line mode), 50Hz, 60 Hz + / - 0.5% (Backup mode)	
	Total Harmonic Distortion			
	Crest Ratio			
	Overload capability			
	Overall Efficiency			
Battery	Type			
	DC Voltage			
	Backup time(Optimum/HalfLd )			
	Life-Time			
	Recharge time			
Bypass	Automatic			
	By setting			
	Transfer time			
Indicators	LCD (NeoLED) indicators			
	Audible Alarm			
Other Features [ Communication ]	RS232 interface or Optional SNMP card for remote monitoring, Cooling Fan, RJ45 surge protection, (Opt USD Card)			
	Support Windows 2000/2003/2008/XP/Vista, Windows 7, Linux, Unix and MAC			
Environment	Operating temperature			
	Operating humidity			
	Audible Noise		< 45dBA at 1 meter	
Physical	Dimension H x W x D in [cm]		21 x 14.7 x 40	
	Net Weight [ Kg ]		9.2	
General	Isolation Transformer			
	UPS System			
	Cold-Start Function			
	Charger External [Option: 8A for 1KVA, 9.6A for 2 & 3 KVA].			

\* Specifications are subject to change without prior notice



### Optional monitoring software:

#### Features:

- Using optional Net Agent unit for LAN monitoring
- Detect power failure and low battery voltage
- User friendly graphical interface:
  - + Graphical display of load and battery status
  - + Real time functional block diagram of UPS
- Database function for all event happen

Distributed by:



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