

PASCAL® KHT 33/31/11 SERIES

Sine Wave Output

On Line Power Protection

Type : PCL - 10KHT 33/31/11

PCL - 15KHT 33/31/11

PCL - 20KHT 33/31/11

The PASCAL® KHT Series On Line UPS is designed with the latest technology, making it distinguished by its performance and reliability. The rectifier stage of PASCAL® KHT Series implements PWM, high frequency and power factor correction method. Therefore the input current is purely sine wave, and power factor can be over 95%. 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® KHT Series comes with Configuration Convertible Input and Output UPS, From 33 to 31 and 11 phase

The PASCAL® KHT Series also support remote monitoring using RS232 and USB-Port [Opt] or Optional SNMP card for LAN monitoring. With this complete protection design and remote monitoring capability, it makes PASCAL® KHT Series the best choice to protect your Equipments.

Feature :

- Output Power factor 1
- Adjustable Charging Current
- Parallel up to 6 units, with common batre Pack
- 5" color touch type LCD display
- Adjustable Batre design
- Voice warning / error code notice
- Dynamic Password feature optimizes service Performance
- Adapting the latest Silicon carbide Diodes to enhance the system efficiency



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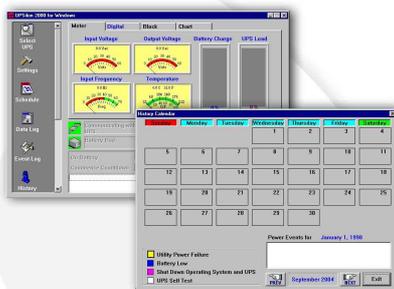
PASCAL[®] UPS and STABILIZER

Specification:

PASCAL KHT SERIES		PCL - 10KHT33/31/11	PCL - 15KHT33/31/11	PCL - 20KHT33/31/11
Topology		On-Line Dual Conversion Truly Sine Wave		
Capacity		10 KVA / 10 KW	15 KVA / 15 KW	20 KVA / 20 KW
Input	Voltage	3P4W 380Vac		
	Voltage Range	Phase-Neutral: 160 - 296Vac ;Phase-Phase :277 - 515 Vac; + / - 3Vac		
	Frequency	50/60 Hz (+/- 5%)		
	Power Factor	> 0.99		
Output	Voltage	3P4W 380Vac		
	Frequency	50 or 60 Hz + / - 10% Synchronized (Line mode), 50 or 60 Hz + / - 0.1%		
	Power Factor	1		
	Distortion (Tower)	< 1% THD (Linear load), < 2.0 %THD (non Linear load)		
	Crest Ratio	3 : 1		
	Overall Efficiency	> 96 %		
	Battery	Type	SLA (Sealed Lead Acid) / Maintenance-Free 12 vdc / 9 Ah	
	Number	(10 + 10) pcs	(16 + 16) pcs	(16 + 16) pcs
	Life-Time	3 Years [Option 5 Years]		
	Back up Full/Half [Min]	10 Minutes / 20 Minutes		
	Built In Charger	1A - 12A (Adjustable)		
Bypass	Automatic	Overload and UPS failure		
	Transfer time	0 ms (Zero ms) (AC to DC & inverter to bypass)		
Indicator	LCD Indicators	Input OK, Battery OK, Input / Output Voltage & Frequency, Load %		
		Battery Voltage, Temperature		
	LED Indicators	Line (Green), INV (Green), ByPass (Yellow), Fault (Red)		
Audible Alarm	Battery mode	2 Beeps every 10 seconds		
	Battery low	Beeping every second		
	Overload	Beeping twice per second		
	Fault / Short	Beeping continuously		
Communication Port		RS232 Interface or Optional SNMP Card for remote monitoring ,UPSilon 2000 monitoring software For Net Agent II (optional) with SNMP-Manager and Web-Browser		
Other Features		External Charger n Battery for Longer Back-up time		
Ambient	Temperature	0 - 40 Degree Celcius;		
	Humidity	0 - 95% Non Condensing		
	Accoustic noise	Less than 45dBA (at 1 m)	Less than 50dBA (at 1 m)	
Physical	Dimension WxDxH [mm]	250 x 630 x 826	250 x 630 x 826	250 x 630 x 826
	Net Weight	124	139	140
General	UPS System	True Online (Dual Conversion)		
		Cold-Start Function		
	Protection	Short-Circuit, Over-Load, Lightning n Surge, Over-Temperature (80oC)		
	Isolation Transformer	(Optional)		

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* 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

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