On Line High Frequency UPS KHD 33 10-40K(L)

Technical Features:

- True double-conversion
- DSP technology guarantees high performance
 Output power factor 1.0
- Active power factor correction in all phases • 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Maintenance bypass available • Parallel operation with commom battery
- Optional parallel operation
- Optional isolation transformer offers full isolation and complete common mode noise rejection

Technical Specifications:





PHASE 3-phase in/3-phase out CAPACITY 10K/A / 10K/W 15K/A / 15K/W 20K/A / 20K/W 30K/A / 30K/W 40K/A / 40K/W Nominal Voltage 3 × 208/220 VAC (3Ph-NI) 3 × 208/220 VAC (3Ph-NI) 445-34 Hz or 55-44Hz Power Factor = 0.97 B i 100% Isold 445-34 Hz or 55-44Hz 7000 Kind Power Factor = 0.97 B i 100% Isold 2000 Kind 2000 Kind CUTURINGE 3 × 208/220 VAC (3Ph-NI) 2000 Kind 2000 Kind CUTURINGE 3 × 208/220 VAC (3Ph-NI) 2000 Kind 2000 Kind CUTURINGE 3 × 208/220 VAC (3Ph-NI) 2000 Kind 2000 Kind CUTURINGE 3 × 208/220 VAC (3Ph-NI) 2000 Kind 2000 Kind 2000 Kind CUTURINGE 3 × 208/220 VAC (3Ph-NI) 2000 Kind 2000 Kind <th colspan="2">MODEL</th> <th>KHD33-10K(L)</th> <th>KHD33-15K(L)*</th> <th>KHD33-20K(L)</th> <th>KHD33-30KL</th> <th>KHD33-40KL</th>	MODEL		KHD33-10K(L)	KHD33-15K(L)*	KHD33-20K(L)	KHD33-30KL	KHD33-40KL	
INPUT Second Seco	PHASE		3-phase in/3-phase out					
Nominal Voltage 3 x 200/220 VAC [3p-hail Voltage Range 121-270 VAC [3p-hail 650% tool, 152-270 VAC [3p-hail Power Factor 0.79 WAC [3p-hail 656% tool, 152-270 VAC [3p-hail OUTEV 0.00% tool 0.00% tool AC Voltage Requiation [Batt. Mode] 5.20% 7.20 VAC [3p-hail 0.00% tool Corrent Crest Ratio 3.1 [max] 0.1182 Harmonic 0.00% tool for 100, 10% for 10 min, 10% for 1 min, 10% for 1 min, 10% for 1 second 100-110% for 10 min, 10% for 1 min, 10% for 1 second Battery Mode 100-110% for 10 min, 10% for 1 min, 10% for 1 second 100-110% for 10 min, 10% for 1 second, 100-10% for 10 second, 100-10% for 10 second, 100-10% for 10 second, 100-10% for 1 second Battery Mode 100-110% for 10 min, 10% for 1 second 100-10% for 10 min, 10% for 1 second Battery Mode 100-10% for 20% cost, 100-10% for 10 second, 100-10% for 10 second, 100-10% for 10 min, 10% for 1 second Corrend Creat	CAPACITY		10KVA /10KW	15KVA / 15KW	20KVA / 20KW	30KVA / 30KW	40KVA / 40KW	
Valtage Bange' 121-270 VAC (3-phase) 8.0% load, 152-270 VAC (3-phase) 8.0% load, 150-170% lo	INPUT							
Valtage Bange' 121-270 VAC (3-phase) 8.0% load, 152-270 VAC (3-phase) 8.0% load, 150-170% lo	Nominal	Voltage	3 × 208/220 VAC [3Ph+N]					
Frequency Range 44-54 Hz or 56-64Hz Power Factor © 07 9/0 100% load OUTPUT 3 x 200220 VAC (3Ph-N) AC Voltage Regulation (Batt, Mode) 4.5-84Hz or 56-64Hz Prequency Range (Batt, Mode) 6.45-84Hz or 56-64Hz Current Crest Ratie 3.1 (Brazt) Harmonic Distortion © 2 % THD [Linear Load), © 4 % THD (Nonlinear Load PF=0.8] Transfer AC mode to Battery mode Veworer Mange (Batt, Mode) © 100-110% for 10 min, 110-130% for 1 mode) Derivati AC Mode 100-110% for 0 min, 110-30% for 1 mode) Eastery Mode © 100-110% for 0 min, 110-30% for 1 mode) Parastic AC Mode ESTICEL CAPACITY Parastic AC Mode ESTICEL CAPACITY Parastic Parastic								
Power Factor OUTPUT								
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AC Voltage Regulation (Batt, Mode) AC Voltage (Bat	Output Vo	ltage	3 × 208/220 V/AC (2Ph+N)					
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Frequency Range [Batt. Mode] 50 Hz ± 0.1 Hz / 1.1 Hz / 0.1 Hz / 1.1 Hz /								
Current Crest Ratio AC mode to Battery mode inverter to Bypass AC mode to Battery Mode AC MODE A								
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Noise Level Less than 60dB @ 1 Meter Less than 70dB @ 1 Meter Less than 75dB @ 1 Meter MANAGEMENT Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC Supports Windows® 7/8, Linux and MAC	Operation	Temperture						
MANAGEMENT Smart RS-232/USB Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC	Operation	Humidity						
Smart RS-232/USB Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC			Less than 60dB @ 1 Meter Less than 70dB @ 1 Meter Less than 75dB @ 1 Meter					
	MANAGE	MENT						
Optional SNMP Power management from SNMP manager and web browser	Smart RS	-232/USB	Su	pports Windows® 2000/20	03/XP/Vista/2008, Windows	s® 7/8, Linux and MAC		
	Optional S	SNMP						

*When output voltage is set as 3 x 360VAC or 3 x 380VAC, the output power of the unit will be de-rated to 90%.

**If the UPS is installed or used in a place where the altitude is higher than maximum height, the output power will be derated 1% per 100m. Product specifications are subject to change without further notice





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