

On Line High Frequency UPS GHD 33 III 15-100K(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 common battery
- Optional parallel operation
- Optional isolation transformer offers full isolation and complete common mode noise rejection



Technical Specifications:

MODEL	GHD33 III -15 KL	GHD33 III -30 KL	GHD33 III -50KL	GHD33 III -60KL	GHD33 III -90KL	GHD33 III -100KL
PHASE	3-phase in/3-phase out					
CAPACITY	15KVA / 15KW	30KVA / 30KW	50KVA / 50KW	60KVA / 60KW	90KVA / 90KW	100KVA / 100KW
PARALLEL CAPABILITY	4					
INPUT						
Nominal Voltage	3 x 208/220 VAC (3Ph+N)					
Voltage Range	70-156 VAC @ 50% load ; 88-146 VAC @ 100% load					
Frequency Range	40-70 Hz					
Power Factor	≥ 0.99 @ 100% load					
Harmonic Distortion (THDi)	< 4% at full linear load					
OUTPUT						
Output Voltage	3 x 208/220 VAC (3Ph+N)					
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz					
Frequency Range (Batt. Mode)	50/60 Hz ± 1%					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	≤ 2% THD (Linear Load) ; ≤ 5% THD (Non-linear Load)					
Transfer Time AC mode to Battery mode	zero					
Transfer Time Inverter to Bypass	zero					
Waveform (Batt. Mode)	Pure Sine Wave					
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%-150% for 1 min; >150% for 400ms					
BYPASS						
Nominal Voltage	3 x 208/220 VAC (3Ph+N)					
Voltage Range	305VAC-457VAC					
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz					
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%-150% for 1 min; >150% for 400ms					
AC Mode	93.5%					
ECO Mode	98.5%					
Battery Mode	92.5%					
BATTERY						
Battery Type	Depending on application					
Numbers	32-40 pcs (Adjustable)					
Charging Current (max.)	1-12A, Adjustable	1-18A, Adjustable	2-36A, Adjustable		3-54A, Adjustable	
Charging Voltage	+/-13.65V*N (N = 16-20)					
INDICATORS						
Touch color LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
ALARM						
Battery Mode	Sounding every 4 seconds					
Low Battery	Sounding every second					
Overload	Sounding twice every second					
Fault	Continuously sounding					
PHYSICAL						
Dimension, D X W X H (mm)	815 x 300 x 1000	815 x 300 x 1000	974 x 600 x 1600			
Net Weight (kgs)	74	87	241	286	286	382
ENVIRONMENT						
Operation Temperature	0-40°C					
Operation Humidity	<95% and non-condensing					
Altitude**	0 ~ 1000m at full load					
Noise Level	Less than 65 dB @ 1 Meter	Less than 70 dB @ 1 Meter	Less than 75 dB @ 1 Meter			
MANAGEMENT						
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

**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.

