

On Line High Frequency UPS GH33 III 3P/3P 30K-200K(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
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Parallel operation up to 4 units with common battery
- Power walk-in function
- Optional isolation transformer offers full isolation and complete common mode noise rejection
- 3-stage extendable charging design for optimized battery performance



Technical Specifications:

MODEL	GH33 III -30 KL	GH33 III -60 KL	GH33 III -100KL	GH33 III -120KL	GH33 III -180KL	GH33 III -200KL
PHASE						
CAPACITY	30KVA / 30KW	60KVA / 60KW	100KVA / 100KW	120KVA / 120KW	180KVA / 180KW	200KVA / 200KW
PARALLEL CAPABILITY	3-phase in/3-phase out					
INPUT						
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)					
Voltage Range	110-300 VAC @ 50% load ; 176-276 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 360*380*400/415 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 AC mode to Battery mode	zero					
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% immediately shutdown					
BYPASS						
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)					
Voltage Range	305VAC-457VAC					
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz					
Overload Capability	"> 130% 1 minute (default) Continuously working until breaker protection (optional)"					
AC Mode	95.5%					
ECO Mode	98.5%					
Battery Mode	94.5%					
BATTERY						
Battery Type	Depending on application					
Numbers	32-40 pcs (Adjustable)					
Charging Current (max.)	1-12A, Adjustable	1-18A, 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	815 x 300 x 1000		974 x 600 x 1600	
Net Weight (kgs)	56	74	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					

*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.

