

On Line High Frequency UPS GH31 10-20K(L)



Technical Features:

- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.8
- Wide input voltage range
- 50Hz/60Hz frequency converter mode
- Supports 3P/1P&1P/1P operation
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Optional maintenance bypass switch



Technical Specifications:

MODEL	GH31-10K (L)	GH31-15K (L)	GH31-20K (L)
PHASE		3 phase in / 1 phase out	
CAPACITY	10000VA /8000W	15000VA /12000W	20000VA /16000W
INPUT			
Nominal Voltage		3 x 400 VAC (3Ph+N)	
Input Voltage Range		190-520 VAC [3-phase] @ 50% load ; 305-520 VAC [3-phase] @ 100% load	
Frequency Range		46-54 Hz or 56-64Hz	
Power Factor		≥ 0.8 @ 100%	
OUTPUT			
Output Voltage		208/220/230/240VAC	
AC Voltage Regulation (Batt. Mode)		± 1%	
Frequency Range (Synchronized Range)		46-54Hz or 56-64Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.2 Hz or 60 Hz ± 0.2 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		≤3 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)	
Transfer Time	AC to DC	zero	
	Inverter to Bypass	zero	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
To AC Mode	91%	91%	91%
To Battery Mode	91%	91%	91%
BATTERY			
Standard Model	Battery Type	12V 9AH	
	Numbers	16 -20pcs (Adjustable)	16-20 pcs(Adjustable)*2 strings
	Typical Recharge Time	9 hours recover to 90% capacity	
	Charging Current (max.)	1A ± 10%	1A/2A/4A ± 10%(2A Default)
Long-run Model*	Battery Type	Depending on the capacity of external batteries	
	Numbers		
	Charging Current (max.)	4A Default, 1A/2A/4A(Adjustable)	
	Charging Voltage	218.4 VDC ± 1% (16pcs) 273 VDC ± 1% (20pcs)	
INDICATORS			
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 0.5 second		
Fault	Continuously sounding		
PHYSICAL			
Standard Model	Dimension, DxWxH (mm)	442 x 190 x 688	
	Net Weight (kgs)	66	67
Long-run Model*	Dimension, DxWxH (mm)	442 x 190 x 318	
	Net Weight (kgs)	15	16

* L means long-run model

* Product specifications are subject to change without further notice

