

On Line Low Frequency UPS GL31 Lite 3P/1P 6K-10K(L)



Technical Features:

- Galvanic isolation design to withstand all kinds of loads
- Output power factor 0.8
- Fully coating PCBAs to withstand harsh environment
- Unique ventilation design for effective heat dissipation
- Wide input voltage and frequency range to withstand robust environment
- High short-circuit and overload capabilities
- Built-in Maintenance by pass switch



Technical Specifications:

MODEL	GL31 Lite-6K(L)		GL31 Lite-7.5K(L)		GL31 Lite -10K(L)	
PHASE	3-phase in / 1-phase out					
CAPACITY*	6KVA/4.8KW		7.5KVA/6KW		10KVA/8KW	
INPUT						
Nominal Voltage	3 x 360VAC/380VAC/400VAC (3Ph + N + G)					
Acceptable Voltage Range	"286VAC ~ 493VAC @ 16 pcs of batteries 320VAC ~ 493VAC @ 18 pcs of batteries"					
Frequency	"40Hz ~ 55 Hz @ 50Hz system 56 Hz ~ 64Hz @ 60Hz system"					
OUTPUT						
Output Voltage	208VAC/220VAC/230VAC (Selectable)					
Voltage Regulation	±1%					
Frequency Range	45Hz ~ 55 Hz or 56 Hz ~ 64 Hz					
Frequency Range [Batt. Mode]	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz					
Current Crest Ratio	3:1					
Harmonic Distortion	"<3% (Linear Load) <5% (Non-linear Load)"					
Transfer	AC mode to Battery mode					
Time	Inverter to Bypass					
Waveform [Batt. Mode]	Pure Sinewave					
EFFICIENCY						
Line Mode	83%					
Battery Mode	92%					
INDICATORS						
LCD	UPS status, load level, battery level, input/output voltage and frequency, fault code/warning code					
ALARM						
Battery Mode	Sounding every 4 seconds					
Low Battery	Sounding every second					
Overload	Sounding twice every second					
Fault	Continuously sounding					
BATTERY						
Standard Model	Battery Type	12V / 9Ah				
	Battery Numbers**	16pcs		16pcs		16pcs
	Recharge Time	6 hours recovers to 90% capacity				
	Charging Current	2A				
Long-run Model	Charging Voltage	218.4 V ± 1%		218.4 V ± 1%		218.4 V ± 1%
	Battery Type	Depending on the applications				
	Battery Numbers**	16pcs	18 pcs	16pcs	18 pcs	16pcs 18 pcs
	Charging Current	Default: 8A, 2A/4A/8A(adjustable)				
	Charging Voltage	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1% 245.7 V ± 1%
PHYSICAL						
Standard Model	Dimension, D X W X H (mm)	592 x 300 x 826	592 x 360 x 826	592 x 300 x 826	592 x 360 x 826	592 x 300 x 826 592 x 360 x 826
	Net Weight (kgs)	129	137	152	160	160 168
Long-run Model	Dimension, D X W X H (mm)	592 x 300 x 826				
	Net Weight (kgs)	84		107		115
ENVIRONMENT						
Operating Temperature	"0 ~ 50°C (battery life cycle will be shorten when temperature is above 25°C)"					
Humidity	<95 % and non-condensing					
Noise Level	Less than 60dB(A) @ 1 Meter					
MANAGEMENT						
Modbus RS-232/RS485	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

* Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC.

**Battery number is set in factory and can't be changed by users.

Product specifications are subject to change without further notice

