

On Line Low Frequency UPS GLD33 LV 10-40K(L)



Technical Features:

- Online double-conversion
- Optional 7" touch LCD
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- Intelligent battery management to prolong battery lifecycle
- Independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input
- Parallel operation with up to 4 units (option)
- Variety of communication options available
- Control designed to withstand all kinds of loads
- Reverse phase frequency operation and supports non-neutral input



Technical Specifications:

MODEL		GLD33-10K(L)	GLD33-15K(L)*	GLD33-20K(L)	GLD33-30KL	GLD33-40KL
PHASE		3-phase in/3-phase out				
CAPACITY		10KVA / 9KW	15KVA / 13.5KW	20KVA / 18KW	30KVA / 27KW	40KVA / 36KW
INPUT						
Nominal Voltage		3 x 208VAC(3Ph + N)				
Acceptable Voltage Range		166VAC ~ 255VAC (Ph-Ph)				
Frequency		50/60 Hz ± 10 %				
INVERTER						
Nominal Voltage		3 x 208VAC (3Ph + N)				
Precision		Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)				
Frequency		50/60 Hz synchronised ±1 % ; With mains absent ±0.1 Hz				
Max. Synchronisation Speed		±1 Hz/s				
Waveform		Pure Sinewave				
Total Harmonic Distortion (THDv)		<2% (Linear Load) <5% (Non-linear Load)				
Phase Displacement		120° ±1% (balanced load)		120° ±2% (imbalances 50% of the load)		
Dynamic Recovery Time		3 cycles at 90 % of the static value				
Admissible Overload		110% ~ 150% 10 min ~ 60 sec, 150% ~ 160% 60 sec~ 200ms, >160% 200ms				
Admissible Crest Factor		3:1				
Admissible Power Factor		0.6~1 (inductive or capacitive)				
Imbalance Output Voltage @ 100% Unbalanced Load		<1%				
Current Limit		High overload, short-circuit: RMS Voltage Limit , High Crest-Factor current: Peak Voltage Limit				
STATIC BYPASS						
Type		Solid state				
Voltage		166VAC ~ 255VAC (Ph-Ph)				
Frequency		50/60 Hz ± 10 %				
Activation Criterion		Microprocessor control				
Transfer Time		Zero				
Admissible Overload		0% ~ 150% continuous working , 150% ~ 180% 60 min~5 min , >180% 5 min				
Transfer to Bypass		Immediate, for overloads above 160%				
Retransfer		Automatic after alarm clear				
MAINTENANCE BYPASS						
Type		Without interruption				
Voltage		Same as the bypass input				
Frequency		Same as the bypass input				
Overall	Line Mode	89%				
Efficiency	Battery Mode	90%				
BATTERY & CHARGER						
Battery Type and Numbers		12VDC x 32 pcs (29~32 pcs adjustable)				
Nominal Battery Voltage		384 VDC (Based on 32pcs batteries)				
Charging Method		CC/CV				
Precision		±1%				
Charging Current		Default 2.5A, *Maximum=Capacity(KW)/Battery Voltage(real-time).				
Charging Voltage		432 VDC (Based on 32pcs batteries)				
ALARM						
Dimensions, D x W x H(mm)		975 x 554 x1286				
Net Weight (Kgs)		271	315	362	408	553

Product specifications are subject to change without further notice



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