

FREQUENCY CONVERTER

LVFC SERIES - 4KVA ~ 20KVA



- High Overload Capacity
- Industry / Military Grade
- External Battery Available
- 12 Pulse Full Controlled Rectifier
- Constant Voltage / Constant Frequency
- Overload / Short / Static Switch / Over Temperature Protection
- Intelligent Fan Control, Suitable for Dirty Operation Environment

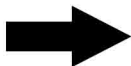
DEMONSTRATION

Frequency

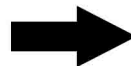
50Hz

or

60Hz



LVFC Series



Ship System



Ground Support



Machinery

SPECIFICATION

Model		LVFC-40	LVFC-50	LVFC-60	LVFC-80	LVFC-100	LVFC-150	LVFC-200
Capacity		4KVA	5KVA	6KVA	8KVA	10KVA	15KVA	20KVA
Input	Phase	1 Phase 2 Wire + G or 3 Phase 3 Wire+ G or 3 Phase 4 Wire+ G						
	Voltage	110 or 220VAC± 15% (As client demand)						
	Frequency	50Hz or 60Hz ± 5%						
Output	Voltage	100/110/115/120V or 200/220/230/240V (As client demand)						
	Phase	1 Phase 2 Wire + G or 1 Phase 3 Wire + G (option)						
	Voltage Regulation	± 1% at linear load						
	Frequency	1. 50Hz or 60Hz or 400Hz ± 0.5% 2. 50~60Hz (Adjustable from 50~60Hz and this switch should be put in front of panel) 3. As client demand						
	Power Factor	0.8						
	Wave Form	Pure Sinewave						
	Harmonic Distortion	<=3% of THD at linear load						
	Crest Factor	3:1						
	Overload Capacity	100% continuous, 150% for 25 seconds						
	Efficiency	>85% (AC to AC)						
	Battery (option)	Voltage	192V (12V*16pcs)					
Recharge Time		4~8 hours 90% after fully discharge						
Indicator	LCD Display	Input / Output Voltage, Frequency, Output Current Percentage, Battery Voltage (option), Operating Temperature						
	LED Display	Mimic display						
Audible Alarm	AC Failure	Sounds every 4 seconds during line fails						
	Battery Low (option)	Sounds every second during battery low voltage						
	Unit Fault	Continuous Alarm						
	Over / Under Voltage at I/P	Sounds every 4 seconds						
Protection	Short Circuit & Overload	Yes						
	Lightning	Yes						
Environment	Temperature	0 ° C ~ 40 ° C						
	Humidity	0% ~ 90%, non-condensing						
	Audible Noise	<=50dB at 1 meter						
Dimension (mm)	W*H*D	260*800*660			310*660*900		360*740*870	
Net Weight	Kgs	78	88	108	126	160	190	230

* Long Time reserves the right to change specifications without prior notice.

Note: