



FREQUENCY CONVERTER

LUFC SERIES - 1KVA / 2KVA / 3KVA



- Self Detection.
- Commercial Grade.
- High Overload Capacity.
- External Battery Available.
- Constant Voltage / Constant Frequency.
- Overload / Short / Static Switch / Over Temperature Protection.

DEMONSTRATION

Frequency

50Hz

or

60Hz

LUFC Series



Ship System



Ground Support



Test Equipment



SPECIFICATION

Model		LUFC-1000	LUFC-2000	LUFC-3000
Capacity		1KVA	2KVA	3KVA
Input	Voltage	165V~272V (230V), 80V~140V (115V) (110V or 220V \pm 25%) (As client demand)		
	Frequency	50Hz or 60Hz \pm 5%		
	Power Factor	>0.95		
Output	Voltage	100/110/115/120V or 200/220/230/240V (As client demand)		
	Phase	1 Phase 2 Wire + G		
	Voltage Regulation	\pm 1% at linear load		
	Transient Response	\pm 4%		
	Frequency	50Hz or 60Hz \pm 0.5%		
	Power Factor	0.7		
	Wave Form	Pure Sinewave		
	Harmonic Distortion	\leq 3% of THD at linear load		
	Crest Factor	3:1		
	Overload Capacity	100% continuous, 125% for 25 seconds		
	Efficiency	\geq 85% (AC to AC)		
Indicator	LED Display	Line, Inverter, Battery Mode (option), load level		
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	The frequency converter shuts down and will not transfer to bypass		
	Surge	IEEE C 61000-4-5 level 3		
Environment	Temperature	0 ° C ~ 40 ° C		
	Humidity	0% ~ 90%, non-condensing		
	Audible Noise	\leq 45dB at 1 meter		
Dimension(mm)	W*H*D	145*240*475	195*270*510	210*390*550
Net Weight	Kgs	10	15	23

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

Note: