



TELECOM APPLICATION POWER INVERTER

LIV SERIES - 1KVA / 2KVA / 3KVA



With Microprocessor based design , the LIV Series allows you to configure parameters easily through keypad and LCD display on the front panel. In addition, an Advanced Polarity Check technology applied to replace old-style fuse and diode which warned you reversed polarity. Furthermore, its 2U rackmount size makes this model suitable for limited space and is ideal for handling sensitive loads for telecom or network field application.

FEATURE

- Built-in Transfer Switch
- Ground Fault Alarm
- Input DC Voltage Settable for Alarm and Shutdown
- Dry Contact Alarm for the control of operation equipment
- Reversed Polarity Protection by the APC (Advanced Polarity Check)
- 50 / 60 Hz Output Frequency Auto Sensing

DEMONSTRATION



SPECIFICATION

Model		LIV-10	LIV-20	LIV-30
Rating		1000VA	2000VA	3000VA
DC Input	Nominal Voltage / Max. Current	48VDC / 25Amps 125VDC / 9.6Amps	48VDC / 50Amps 125VDC / 20Amps	48VDC / 75Amps 125VDC / 29Amps
	Voltage Range	48VDC (40~60VDC) 125VDC (95~150VDC)		
	Connections	Hard-wired connection		
	Efficiency	>85% (full load) at 48VDC or 125VDC		
Utility Power (Bypass)	Nominal Voltage	110VAC or 230VAC \pm 25%		
	Frequency	50Hz or 60Hz \pm 3Hz		
	Protection	AC Circuit Breaker		
Inverter Output	Output Power	800W	1600W	2400W
	Max. Surge Power	1200W	2400W	3600W
	Voltage	110VAC or 230VAC re-settable \pm 10% of rating voltage via front panel		
	Voltage Regulation	<2% at linear load		
	Frequency	50 or 60Hz \pm 0.1% auto sensing by AC power source		
	THD Distortion	<3% at linear load		
	Waveform	Pure Sine Wave		
	Crest Power	3 : 1		
Protection	Short Circuit	Inverter shut-off		
	Overload	105%~125% for 60 seconds; 126%~150% for 30 seconds; >151% for 1 seconds; Switch to bypass		
	DC Polarity Reverse	Advanced Polarity Check (APC)		
Indicator	LCD Display	Input/Output: Voltage/Frequency, DC: Voltage/Current, Loading: Current/Percentage, Temperature: Operating/Over, Polarity Reverse, Event Log		
	LED Display	AC Input, Inverter/Bypass, Fault/Load, DC Input		
Communication	Interface Port	RS-232C with Baud Rate 2400, RS-485 (option), SNMP serial port (option)		
Environment	Operating Temperature	0 ° C to 40 ° C		
	Relative Humidity	0-90%, non-condensing		
Dimension (mm)	W*D*H	438 x 348 x 88 (2U)		
Net Weight	Kgs	10.0Kgs	13.0Kgs	13.0Kgs

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

Note: