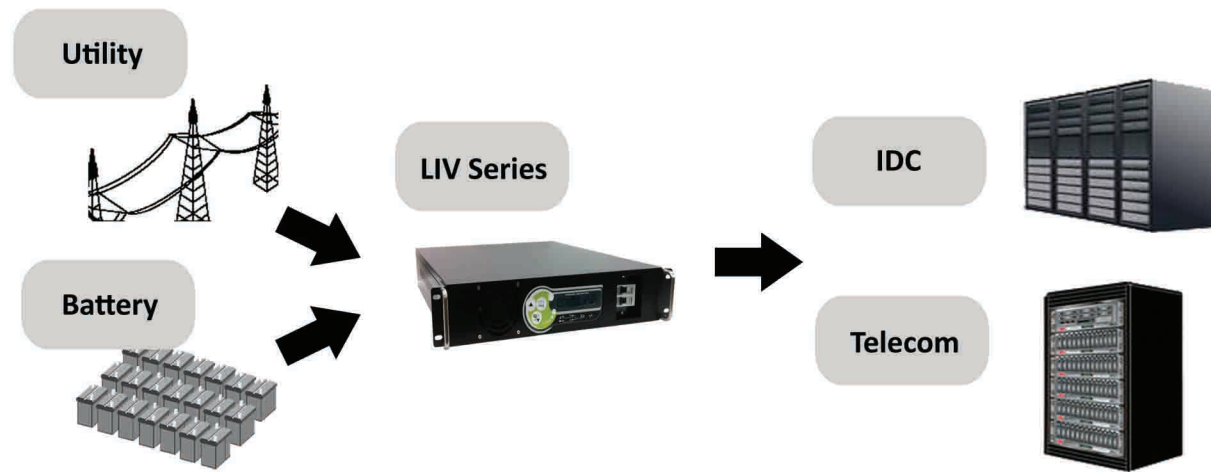


# LIV Series



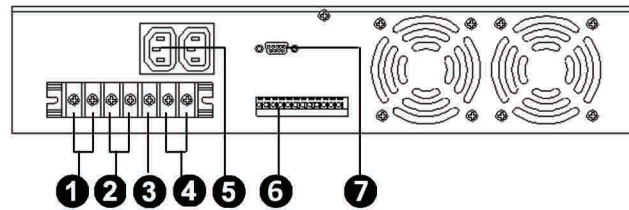
- Pure sine wave output
- Built-in transfer switch
- Reversed polarity protection
- Earth fault alarm
- LCD display
- Settable output voltage
- Frequency auto sensing
- Customization for input 48VDC ~ 220VDC
- Option for RS232 or Dry Contact interface

## Demonstration



\* Application to telecommunication, power plant

## Rear Panel



1 DC input      2 AC output

- 3 Ground
- 4 AC input
- 5 Output receptacles
- 6 Dry contact
- 7 RS232 port

## 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)		
	Efficiency	>85% (full load) at 48VDC or 125VDC		
AC Input (Bypass)	Nominal Voltage	110VAC or 230VAC ± 25%		
	Frequency	50Hz or 60Hz ± 3Hz		
	Protection	AC Circuit Breaker		
Inverter Output	Output Power	800W	1600W	2400W
	Max. Surge Power	1200W	2400W	3600W
	Voltage	110VAC or 230VAC ± 1%		
	Voltage Regulation	<2% at linear load		
	Frequency	50 or 60Hz ± 0.1%		
	THD Distortion	<3% at linear load		
	Waveform	Pure Sine Wave		
	Crest Ratio	3 : 1		
Protection	Short Circuit	Inverter shut-off		
	Overload	105%~125% for 60 seconds; 126%~150% for 30 seconds; >151% for 1 seconds; transfer to bypass		
	DC Polarity Reverse	Yes		
Indicator	LCD Display	Input/Output: Voltage/Frequency, DC: Voltage/Current, Loading: Current/Percentage, Temperature: Operating/Over, Polarity Reverse		
	LED Display	AC Input, Inverter/Bypass, Fault/Load, DC Input		
Communication	Interface Port	RS-232 or dry contact		
Environment	Temperature	0 ° C - 40 ° C		
	Relative Humidity	0-90%, non-condensing		
Dimension	W*D*H (mm)	430 x 488 x 89 (2U)		
Net Weight	Kgs	10.0	12.0	13.0

\* Product specification is subject to change without prior notice

## Receptacle Option



NEMA Type