

Step Up Voltage & Frequency Converter

Input: Requires a Dedicated 240-Volt Power

Input Range: 180Vac - 285Vac

Input Frequency: 50Hz/60Hz Automatic

Output: 200V-220V-230V-240V (Selectable)

Output Frequency: 50Hz/60Hz (Selectable)



Model Number: UX-3K

220 Volt/50Hz AC Power Source

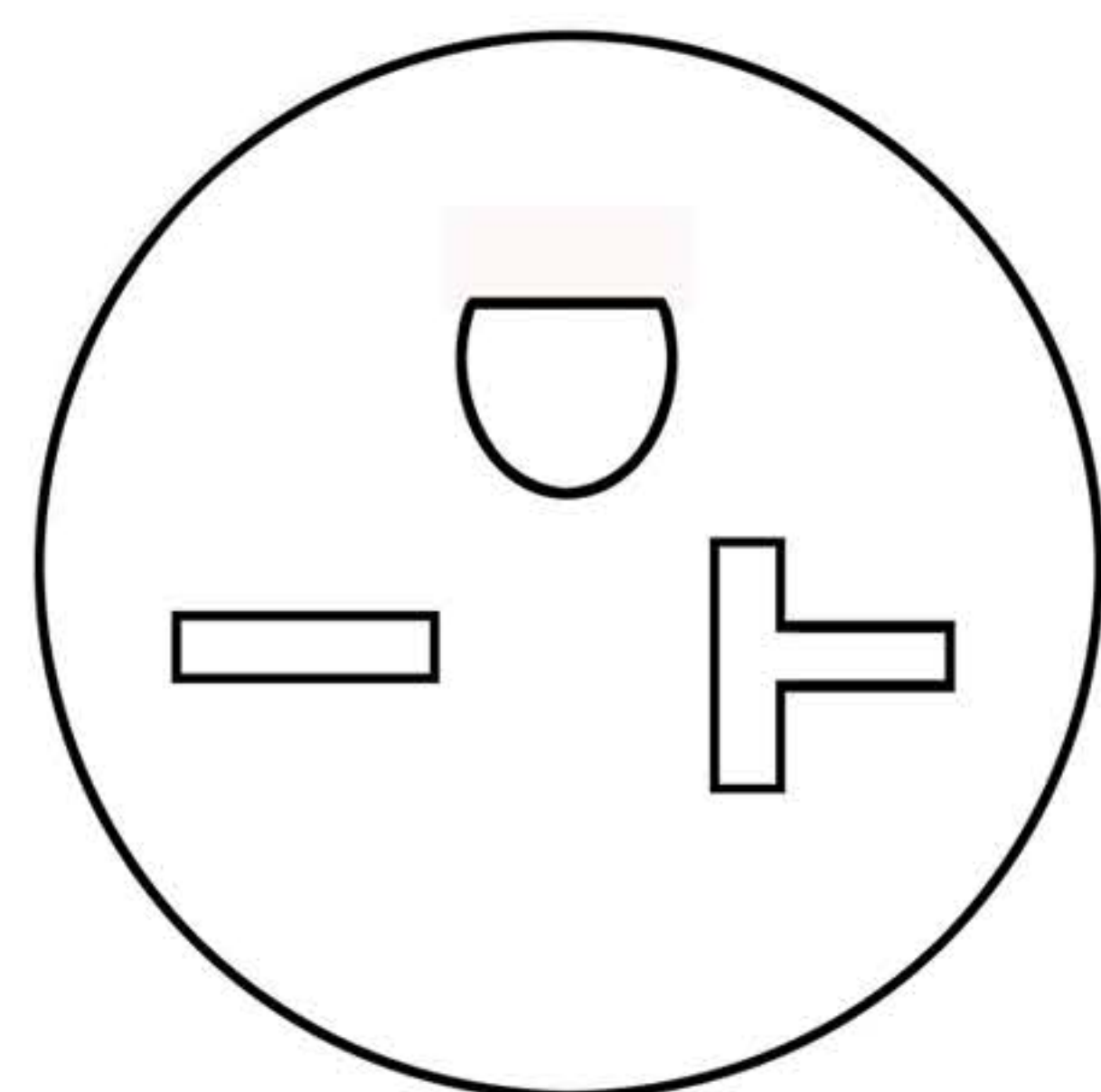
This series is a double conversion Power Converter which produces stable pure sine wave voltage and frequency output (O/P). With this Converter, you can protect your equipment from most power issues, including power sags, power surges, brownouts, and line noise. With the common neutral topology, the converter provides internal connection from AC I/P neutral to AC O/P neutral; thus, it does not need to use an isolation transformer to provide 0 volt from AC I/P neutral to O/P neutral. This feature will reduce the interference to loads of communication or video systems.



UX-3K

Features

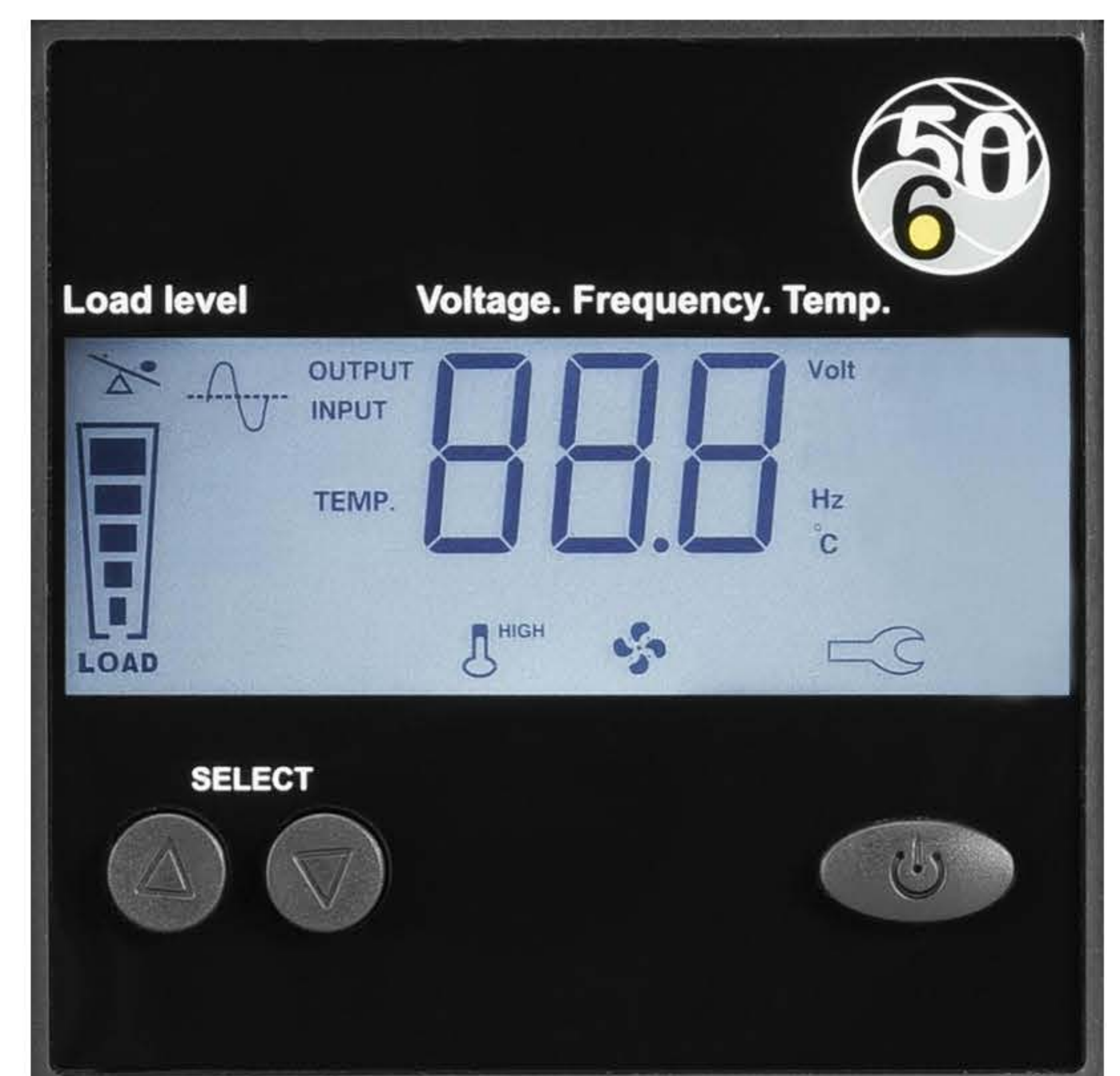
- Outstanding Performance & Reliability
- Common Neutral, Double Conversion Topology (O/P Neutral to I/P Neutral is 0 volts normally)
- Wide Range Input Window and Input Power Factor Correction
- Low Noise, Smart Cooling Fan Design
- High Efficiency, New Full-bridge Inverter Design
- Automatic Restart After Overload Shutdown
- AC Input Generator Compatible
- Remote Emergency Power Off



NEMA 6-20R

Requires NEMA 6-20R Wall Outlet

Multifunction LCD Screen



SPECIFICATIONS

STEP-UP Voltage and Frequency Converter (UX-URX series)

1000VA / 1500VA / 2000VA / 3000VA

Output

Capacity	1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA/2700W *
Output Voltage	200V/220V/230V/240V Selectable			
Voltage Waveform	Sine wave			
Crest Factor	3 : 1			
Output Frequency (sync to mains)	50/60Hz (selectable from LCD function button)			
Output Frequency (not sync to mains)	50±0.01Hz or 60±0.01Hz			
Regulation	±2% of selected output voltage (adjustable by using the setting software)			
OUTPUT CURRENT 200 V ~ 240 V	4.2 Amp	6.3 Amp	8.4 Amp	12.5 Amp
OUTPUT PEAK CURRENT (<250mS)	13 Amp	20 Amp	27 Amp	37 Amp
Over load protection	100%~129% for 60 seconds, then audible alarm; audible alarm sounds for 60 seconds before shutting down >130%, alarm will go off for 2 seconds and then shutting down			
Harmonic Distortion	<3% (at full resistive load)			
Efficiency	Up to 90%			

Input

Voltage Range	100V~285Vac			240 volts Range: 180V~285V <i>Requires a dedicated 240-volt power</i>
Frequency Range	45~70Hz			
Input Current	10 Amp	15 Amp	20 Amp	20 Amp
Outlet Type Required	 NEMA 5-15 R (15 Amps)	 NEMA 5-20 R (20 Amps)	 NEMA 5-20 R (20 Amps)	 NEMA 6-20 R (20 Amps)
Power Factor	≥0.98			

Surge Current	<100A, 3mS		
☐ Communications & Management			
Control panel	LCD		
Audible alarm	Overload alarm: Short-circuit alarm, Thermal alarm		
☐ Environmental and Safety			
Operating Temp.	Up to 1500 meters: 0°C to 40°C (32°F to 104°F)		
Transit/storage Temp.	-15°C to 55°C (5°F to 131°F)		
Relative Humidity	5 - 95% non-condensing		
Operating Altitude	0 ~ 3000 meters		
Audible noise	≤45 dBA (at 1 meter from surface of unit)		
Safety Markings	BSMI	CE	
Quality control system	ISO9001		
☐ Physical			
Unit Dimensions D x H x W	UX-1K:	38×22×18cm	15×9×7in
	UX-1.5K:	45×22×18cm	18×9×7in
	UX-2K:	51×22×18cm	20×9×7in
	UX-3K:	51×22×18cm	20×9×7in
Unit Weight	UX-1K:	6.5kg	14 lbs
	UX-1.5K:	7kg	15.5 lbs
	UX-2K:	8kg	17.6 lbs
	UX-3K:	8.5kg	18.7 lbs
Shipping Dimensions D x H x W; Weight	UX-1K:	48×33×30cm; 8.5kg	19×13×12in; 19lbs
	UX-1.5K:	54×33×30cm; 9kg	21×13×12in; 20lbs
	UX-2K:	61×33×30cm; 10kg	24×13×12in; 22lbs
	UX-3K:	61×33×30cm 10.5kg	24×13×12in; 23lbs

PS. “* ” Please refer to the input range for the condition of output rated capacity.