

# COMMERCIAL CXR SERIES

**Line Interactive - Sine Wave UPS - 1000VA to 3000VA**

- **Tower/Rack Convertible Design**  
To suit all environments
- **AVR Double Buck and Double Boost**  
For more precise output voltage
- **Australian 3 Pin Socket Outlet**
- **Internal Slot for an Optional SNMP Card**
- **External Battery Bank Capability**  
To extend run time
- **User Friendly LED/LCD Display**  
For ease of use
- **User Replaceable Batteries**  
Ease of maintenance
- **Advanced Battery Management**  
Prolongs battery life
- **USB/RS232 Communication Interface**  
For easy monitoring and control
- **Comprehensive Warranty**  
3 year warranty (2 years on battery)

The Commercial CXR Series, with AVR double buck and double boost, pure sine wave output, user friendly LCD display, built-in options slot, user replaceable batteries and USB communication interface, provides flexibility for most business critical file servers, minicomputers, network switches and hubs, in tower or rack mount configuration.

Sine wave output assures compatibility with all types of equipment.

Advanced battery management prevents deep-discharge of batteries during a power failure.

User friendly LCD display clearly indicates all major system parameters and system status including load level, AVR-buck/boost and fault status.

97% high efficiency in normal mode meets high energy saving standards and reduces noise and heat. AVR double buck and double boost automatically corrects either under-voltage or over-voltage conditions without unnecessary battery use which extends battery life.

The bundled communication software allows control of the UPS and graceful shutdown when power fails. It enables the user to remotely test the major operating functions of the UPS.

Optional SNMP/Web/Network adapter allows access to UPS functions via the web and also alerts users via SMS messages about specific events.

**Exceptional  
Design . . .**



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[www.upsonic.com.au](http://www.upsonic.com.au)  
Phone 1800 634 307

**UPSONIC POWER**

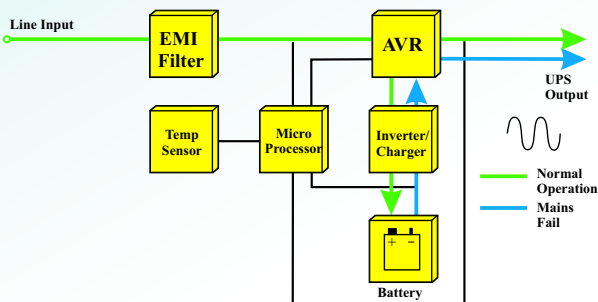
# Specifications

Model	COMMERCIAL CXR	CXR 1000	CXR 1500	CXR 2000	CXR 3000*
CAPACITY	VA/W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
INPUT	Voltage	230 ± 25%			
	Frequency	50 / 60Hz ± 5% (Auto Sensing)			
OUTPUT	Voltage (AC Mode)	230 +8% ~-10%			
	Voltage (INV Mode)	230 +3%			
	Wave Form	Sine Wave, THD <3%			
	Frequency	50 Hz / 60 Hz ± 0.2%			
	Transfer Time	2 - 6 ms			
	Run Time (Full Load)**	14 min.	10 min.	14 min.	7 min.
	DC Start	Yes			
BATTERY	Battery Type	Sealed Lead Acid Maintenance Free			
	Capacity	12V 7AH	12V 9AH	12V 7AH	12V 9AH
	Quantity **	4 pcs	4 pcs	8 pcs	8 pcs
	Voltage	24 Vdc		48 Vdc	
	Recharge Time	2 - 4 Hours to 90%			
	Recharge Current	3.5 amp			
DISPLAY	LED	Utility Normal, Backup, UPS Fault and Battery Condition			
	LCD	Load Level (%), Battery level (%), Bypass, AVR-Boost / AVR Buck			
		Battery Low / Replace / Fault, UPS Fault, Site Wiring Fault, Overload			
	Self Diagnostics	Upon Power - On and software control			
ALARMS	Audible and Visual	Line Failure, Battery Low, Overload and Fault			
PHYSICAL	Dimension (WxDxH) (mm)	440 x 490 x 88 (2 RU)		440 x 700 x 88 (2 RU)	
	Backup Outlets	4 AUS		4 AUS, 1 C19	
WEIGHT	Nett Weight	28kgs	30kgs	46kgs	48kgs
MARKS		CE			
INTERFACE	Upsilon Software	RS 232 & USB, Windows/Free BSD / Novell / Linux			

\*\* External battery packs available for longer run times

\*Requires 15 Amp Socket

## System Block Diagram



Rear of CXR 1000,1500 & 2000



Rear of CXR 3000

## Upsonic Power Pty Ltd

ABN 51 070 890 390  
National Sales 1800 634 307  
National Fax 1800 634 308

**Melbourne**  
9 Nicole Way  
Dandenong South, Vic 3175

Telephone: (03) 9706 0045  
Facsimile: (03) 9706 8003

[www.upsonic.com.au](http://www.upsonic.com.au)  
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