

INDUSTRIAL 6kVA and 10kVA

True On-Line UPS - 6000VA and 10000VA

- **Double Conversion Technology**
Fully regenerated sine wave output independent of utility supply
- **Constant Voltage Constant Frequency (CVCF) Programmable**
For the highest quality output
- **Customer Options Slot x 2**
SNMP/USB/Relay Card
- **LCD/LED Panel**
Real time Power, Battery and Load Status
- **Galvanic Isolation Transformer**
Ensures output is totally independent of input
- **Smart Speed Controlled Fan**
To extend UPS service life and reduce noise
- **Comprehensive Warranty**
3 year warranty (2 years on battery)



Using a field-proven Digital Signal Processor (DSP), the Industrial Series UPS performs as a truly user-friendly unit for easy operation and access to system information and unit customisation.

Dual input loops design provides a loop for rectifier and another for Bypass.

An easy-to-read LCD/LED display provides real-time power status such as input voltage, output voltage, battery voltage, battery level, load level, input/output frequency, temperature of inner cabinet, error code, UPS status, etc. A full-size graphical LCD display provides advanced monitoring functions that greatly enhances the easy to use operating interface.

The Industrial Series includes air forced cooling by internally mounted fans with fan speed adjusted according to load.

In Real ECO (Economic) operation mode, the power supplied to load is through the static switch. It will automatically transfer to inverter supply if bypass Utility/Mains AC is out of tolerance. A variety of communication options are offered, such as USB, SNMP, serial and true relay card.

Standard matching battery cabinets are available to extend the UPS runtime to several hours.

The Intelligent self-diagnostics inside the unit may help service engineers to check out failure points rapidly.

Automatic and Manual Bypass ensures continuous supply of power to the critical load in the event of electronic failure, overload, overheat or scheduled maintenance.

Exceptional Design . . .



**POWER FOR THE
NON-STOP WORLD**

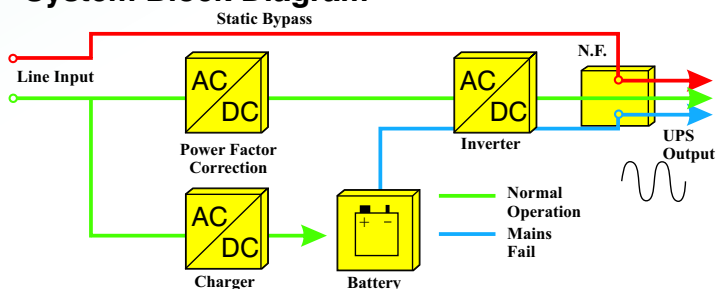
www.upsonic.com.au
Phone 1800 634 307

Specifications

Model	INDUSTRIAL PARALLEL	IP 6000	IP 10000	
CAPACITY	VA/W	6000VA / 4200W	10000VA / 7000W	
INPUT	Voltage	160 ~ 280 VAC		
	Frequency	45 - 65Hz		
	Phase / Wire	Single, Line + Neutral + Ground		
	Power Factor	Up to 0.99 at 100% Linear Load		
	Current THD	<6% at 100% Linear Load		
OUTPUT	Voltage	220 / 230 / 240VAC Selectable		
	Voltage Regulation	± 2%		
	Rated Power Factor	0.7 Lagging		
	Wave Form	Sine Wave, THD <4% (no load to full load)		
	Frequency Stability	± 0.2% (Free Running)		
	Frequency Regulation	± 1%, ±3%		
	Transfer Time	0 ms		
	Crest Factor	3:1		
	Efficiency (AC to AC, Normal)	Up to 90%		
	Efficiency (AC to AC, ECO)	Up to 97%		
	Autonomy@Full Load	>8 min.	>5 min.	
DC Start	Yes			
BATTERY	Battery Type	Sealed Lead Acid Maintenance Free		
	Capacity	12V / 7AH	12V /9AH	
	Quantity	20 pcs Internal - optional external		
	Voltage	240 Vdc		
	Recharge Time	3 Hours to 90%	4 Hours to 90%	
	Supplementary Charger	Optional 1000W isolated chargers		
DISPLAY	LED + LCD	Utility, Battery, Inverter, Bypass, Self Test, Overload, Load / Battery Level and Fault conditions		
	Self Diagnostics	Upon Power - On , Front Panel Setting and Software Control		
ALARMS	Audible and Visual	Line Failure, Battery Low, Transfer to Bypass, System Fault Condition		
PROTECTION	Overload	Inverter Supply; 105%-150% for 160 secs- 2 cycles before switching bypass		
	(w/simulated thermal tripping I-T Curve)	Bypass Supply; 105 -200% for 500 secs-8 cycles before stopping supply load		
PHYSICAL	Dimension (WxDxH) (mm)	290 x 600 x 770	290 x 881 x 645	
	Input / Output	Hardwire		
	Battery Connection	Plug-in		
WEIGHT	Nett Weight	146 kg	175 kg	
MARKS		CE, cUL, UL		

NOTE: All hard wired units should be ordered with an external maintenance bypass switch

System Block Diagram



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
Phone 1800 634 307



UPSONIC POWER

**POWER FOR THE
NON-STOP WORLD**