

# DOMESTIC / SME

## Line Interactive UPS - 600VA to 2000VA

- **Microprocessor control**  
Guarantees high reliability and efficient operation
- **Equipped with Buck and Boost AVR**  
To stabilise input voltage & extend battery life
- **Built-in DC start function**  
Enables UPS to be started without AC power supplied
- **Smart RS-232 and USB Communication Port**  
With Free Software (Download available from the Internet)
- **User-Replaceable Battery Design**  
(1000 / 1400 / 2000VA only) For ease of maintenance
- **Auto restart on AC recovery**
- **Compact size, light weight**  
Saves space and money
- **Provides Modem/Phoneline Surge Protection**  
Provides Overload Protection
- **Comprehensive Warranty**  
3 year warranty (2 years on battery)

The Domestic Series UPS is a high quality, compact and affordable UPS suitable for **WORKSTATIONS, SMALL BUSINESS, POS EQUIPMENT** and **PC's**.

This UPS features a state of the art automatic voltage regulator (AVR - Buck and Boost), which enables the UPS to maintain a secure and regulated output voltage, without utilising batteries, for mains voltages between 180VAC and 280VAC.

The Domestic Series has a voltage surge/spike suppressor and noise filter, providing continuous power protection under all operating conditions. In the event of a total power failure the Domestic Series will provide <5 mSec change over to battery back-up from the maintenance free internal batteries.

When the Domestic Series is utilised with intelligent shutdown software, it is able to provide detailed information on the status of input power quality, record power events and perform a fully automatic system save and close-down in the event of a power failure.

A RJ11/RJ45 network connection ACA approved telephone line filter is integral with the Domestic Series UPS to protect sensitive Phone, fax and modem equipment, from power disturbances entering via the phone lines.

## Exceptional Design . . .



**POWER FOR THE  
NON-STOP WORLD**

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



# Specifications

Model	DOMESTIC SME SERIES					
CAPACITY	VA/W	DS 600	DS 800	DS 1000	DS 1400	DS 2000
INPUT	Voltage	230VAC				
	Voltage Range	180 - 280VAC				
	Frequency	43 - 65Hz (Auto Sensing)				
OUTPUT	Voltage (AC Mode)	230VAC +15% to -10%				
	Voltage Regulation (Batt Mode)	±10%		±5%		
	Frequency	50 Hz				
	Frequency Regulation (Batt Mode)	±1Hz				
	Output Waveform	Modified Waveform				
BATTERY	Battery Type	12V/7AHx1pc	12V/9AHx1pc	12V/7AHx2pcs	12V/9AHx2pcs	
	Recharge Time	8 Hours to 90% after complete discharge				
TRANSFER TIME	Typical	<5ms				
INDICATOR	LCD Indicator with Blue Back Light	The LCD will turn on when the UPS is functioning in Off Mode, Charging Mode and Fault Mode				
		Displays In/Out Voltage (AC), Load Level, Battery Capacity and Operational Mode				
AUDIBLE ALARM	Backup / Backup Mode	Sounding every 10 seconds				
	Battery Low	Sounding every second				
	Overload	Sounding every 0.5 seconds				
	Fault	Continuously Sounding				
PROTECTION	Full Protection	Discharge, Overcharge and Overload protection				
PHYSICAL	Dimension (DxWxH) (mm)	330x100x140			390x145x205	
WEIGHT	Nett Weight	6.0 kgs	6.5 kgs	14 kgs	15 kgs	16 kgs
ENVIRONMENT	Operating Environment	0-40° C, 0-90% Relative Humidity (non-condensing)				
	Noise level	AC Mode Less than 40dB				
		Backup Mode Less than 45dB				
INTERFACE	Smart RS-232 / USB	RJ11 - Phone/Modem		RJ45 - Phone/Modem/Network		
SOFTWARE	Download from Internet	Free BSD/Linux/Mac/Windows 95-2008/Vista/Unix				

**DOMESTIC / SME SERIES 600VA - 2000VA**

Rear View of DOMESTIC / SME SERIES UPS UNITS



DS 600-DS 800



DS 1000



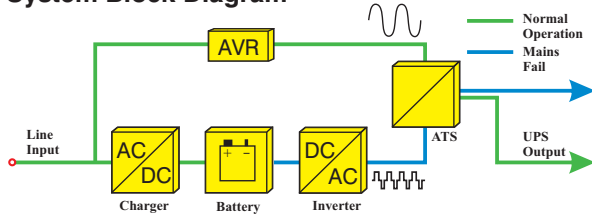
DS 1400 DS 2000

### Domestic Series UPS Autonomy Estimates (In minutes)

Typical Equipment	Standard PC	2 x PC	Small Server	High End PC
DS 600	11	-	-	5
DS 800	13	3	4	6
DS 1000	30	10	12	16
DS 1400	35	13	15	19
DS 2000	35	13	15	19

For more accurate selections use the On-Line UPS Calculator located at [www.upsonic.com.au/calc.asp](http://www.upsonic.com.au/calc.asp) or phone Upsonic Power for a free appraisal.

### System Block Diagram



### DOMESTIC SERIES Connections

Smart RS232 Comms / USB	✓	1
UPS Outlets	✓	
Australian 3 pin	✓	
DS 600 and DS 800	✓	2
DS 1000 ~ DS 2000	✓	3
Telephone/Modem/Network	✓	1

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