

DSV SERIES

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
- **USB Communication Port** With Free Software
(Download available from the Internet)
- **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)
- **Graphic LCD Display**
Easy to understand
- **Green Function**
< 100 Watt

Exceptional Design . . .



The DSV Series UPS is a high quality, compact and affordable UPS suitable for **WORKSTATIONS, SMALL BUSINESS, POS EQUIPMENT, ROLLER SHUTTERS** 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 207VAC and 265VAC.

The DSV 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 <6 mSec change over to battery back-up from the maintenance free internal batteries.

When the DSV 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 (1000 - 2000) 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.

**POWER FOR THE
NON-STOP WORLD**

www.upsonic.com.au
Phone 1800 634 307



Specifications

Model	DSV SERIES		DSV 600	DSV 800	DSV 1000	DSV 2000
CAPACITY	VA/W		600VA/360W	800VA/480W	1000VA/600W	2000VA/1200W
INPUT	Voltage		230VAC			
	Voltage Range		162 - 290VAC			
	Frequency		50 - 60Hz (Auto Sensing)			
OUTPUT	Power Factor		0.6			
	Nominal Output Voltage		230VAC			
	Voltage Regulation (Line Mode)		±15%			
	Voltage Regulation (Battery Mode)		±10%			
	Frequency Range (Battery Mode)		50 /60 Hz ±1Hz			
	Output Waveform		Modified sine wave			
EFFICIENCY	Line Mode		95%			
	AVR Mode		88%			
	Battery Mode		60%			
BATTERY	Battery Type		12V/7AHx1pc	12V/9AHx1pc	12V/7AHx2pcs	12V/9AHx2pcs
	Recharge Time		6 Hours to 90% after complete discharge			
TRANSFER TIME	Typical		<6ms		<8ms	
DISPLAY/INDICATOR	LCD Indicator with Blue Back Light		The LCD will turn on when the UPS is powered up			
			Displays In/Out Voltage (AC), Load Level,			
			Battery Capacity and Operational Mode			
AUDIBLE ALARM			Yes			
PROTECTION	Full Protection		Discharge, Overcharge and Overload protection			
PHYSICAL	Dimension (DxWxH) (mm)		290x100x143		364x139x195	
WEIGHT	Weight		4.4 kg	5.2 kg	8.9 kg	10.4 kg
ENVIRONMENT	Operating Environment		0-40° C, 0-90% Relative Humidity (non-condensing)			
	Noise level		AC Mode Less than 40dB			
INTERFACE	USB / TVSS Protection		Yes / RJ11 Jack		Yes / RJ11 Jack / RJ45	
SOFTWARE	Winpower via Internet download		Free BSD/Linux/Mac/Windows 95-2008/Vista/Unix			

DSV SERIES 600VA - 2000VA

Rear View of DSV SERIES UPS UNITS



DSV 600-DS 800



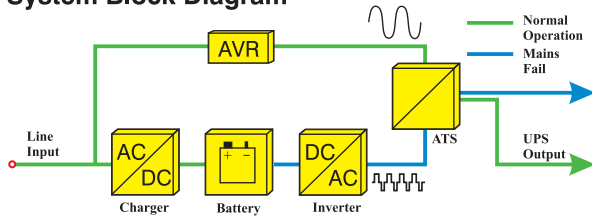
DSV 1000 - DS 2000

DSV Series UPS Autonomy Estimates (In minutes)

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

For more accurate selections use the On-Line UPS Calculator located at www.upsonic.com.au/calc.aspx or phone Upsonic Power for a free appraisal.

System Block Diagram



DSV SERIES Connections

Connection Type	Checkmark	Count
USB	✓	1
UPS Outlets	✓	
Australian 3 pin		
DSV 600 and DSV 800	✓	2
DSV 1000 and DSV 2000	✓	4
Telephone/Modem/Network	✓	1

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