

UPS

PowerServe SERIES

750VA TO 2500VA

UNINTERRUPTIBLE POWER SUPPLIES

Today's business depends upon the reliable operation of servers, networking devices and telecommunication equipment...



This in turn requires clean uninterruptible power at all times in order to perform their mission-critical tasks. **The PowerServe UPS offers this protection without compromise.**

The PowerServe series ranges from 750VA to 2.5kVA and uses digital Line Interactive technology and Automatic Voltage Regulation (AVR) to protect against damaging voltage variations such as brownouts, sags, surges, spikes and transients. PowerServe also contains a Digital Signal Processing (DSP) control system, which greatly enhances the reliability of the UPS.

Should the mains fail, the protected equipment will be battery powered via an inverter delivering pure sine wave power, ensuring business as usual for even the most sensitive equipment.

If a shutdown is required, EPI's UPSManager software suite will facilitate this safely and securely. This software can also be used for advanced communication locally or remotely making PowerServe the ideal solution for network managers requiring total control of their power system.

CHARACTERISTICS

- Mains power supply filtering and stabilisation (Line Interactive technology with AVR)
- DSP control system
- Cold start capability: the UPS can power up without mains supply present
- Auto restart at power-up
- High reliability with built-in automatic battery management system
- Galvanic Isolation
- True sine wave output from both AC and DC mode
- Bypass line included

ADVANCED COMMUNICATIONS

- High level multi-platform communication via UPSManager monitoring and shut-down software
- The UPS is supplied with a RS232 communications cable for 'Plug and Play' PC connection

2-YEAR WARRANTY

- Warranty upgrades available

Do you have a reliable partner who understands high availability at the enterprise level and can provide you with a turn-key Power Protection solution?



TECHNICAL DETAILS

Input Rated Capacity	SL 750 750VA (525W)	SL 1000 1000VA (700W)	SL 1500 1500VA (1050W)	SL 2500 2500VA (1750W)
Input Voltage Range	164V-271V There are 3 settings available, more can be selected on-line			
Input Frequency	43Hz~58Hz			
Max. input current	3.3A	4.3A	6.4A	12.7A
Input Phase	L+N+E (single phase)			
Output Voltage	AC	220V +/- 10%		
	Battery	220V +/- 2%		
Output Frequency	AC	Synchronised to mains		
	Battery	50/60 Hz +/- 0.01Hz		
Output Wave Form	Sinusoidal			
Voltage Wave from Distortion	<2% (linear) <5% (non-linear)			
Output Crest Factor	3:1			
Response Time including Detection	<4mS			
Max Battery Discharge Current	37.5A	50A	66A	58A
Standard Backup Time	5-10 mins			
DC Voltage	24Vdc			
Battery Quan. & Specification	2PCS x 12V7.2AH	2PCS x 2Groups x 12V7.2AH	4PS x 12V18AH	4PCS x 12V18AH
Battery Charge Time	>90% within 10 hours			
Battery Low Voltage Protection	Automatically adjusted in relation to battery discharge rate			
Over-Load Protection	Battery >105%, 10 seconds,	AC >120%, 3 seconds,	>150%, 200mS,	initialises after 60 secs
Output Over Voltage & Low Voltage Protection	<160V or >260V unit will power off			
Short Circuit Protection	Automatically turns off power and alarms			
EMC Requirements	EN 50091-2 Class B			
Environmental	Working temperature: -20 degrees C to +40 degrees C			
	Humidity: 0% - 95% non-condensing			
	Elevation: 0 to +3000 meters			
Features	Regular DC voltage check and regular battery self-check			
	Low-voltage protection, it can be turned on automatically if AC returns			
	Start UPS on batteries			
	Single UPS communication or optional network communication			
	Software: Turn on/off according to time. Saves information automatically			
	Automatically switches from average charge to float charge			
	Intelligent fan speed control			
Power Factor	0.7			
Efficiency	>90%		>95%	
Dimensions (mm)	327 x 162 x 500			412 x 205 x 578
Weight incl. Battery	25kg	28kg	52kg	
Warranty	24 months return to base parts and labour			



POWER
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