

General Specification		Tower			Rackmount			Tower/Rackmount	
Capacity		500/800	1100	1400	500/800	1100	1400	2200	3000
INPUT	Nominal Voltage	230Vac							
	Voltage range	+/- 25% (+/- 20% or +/- 30% Configurable)							
	Frequency range	50 / 60Hz +/- 5Hz (Auto)							
OUTPUT	Nominal Voltage	230Vac							
	Voltage Regulation	+10% ~ -15% (AC mode) +/- 3% (Battery mode)							
	Frequency Stability	50 / 60 Hz +/- 0.5%							
	Overload Capacity	110% ~ 140% for 20sec. >140% for 10 cycles							
	Transfer Time	<4ms typical							
BATTERY	Type	Sealed, Maintenance-free Lead Acid							
	DC Voltage	24Vdc			24Vdc			48Vdc	
	Backup Time	10 ~ 25 Minutes (Depends on load)							
	Recharge Time	<3 Hours Recovery to 90% (typ)							
	User's Replacement	Yes							
Power Line Surge Suppression	Type	741 Joules			741 Joules			694 Joules   900 Joules	
	Joules	114 Joules			114 Joules			114 Joules	
Tel/Fax Surge Suppression	Type	RJ11 (One Pair), 2C			RJ11 (One Pair), 2C			RJ11 (One Pair), 2C	
	Performance	Up to 100 Base-T							
Networking Surge Suppression	Type	RJ45 (One Pair), 4C							
	Front Panel LEDs	Line Normal, Battery Backup, Boost, Buck, Battery Replacement, Fault, Overload, Load/Battery Capacity							
Indicators	Rear Panel LED	Site Wiring Fault							
	Audible Alarms	Battery Backup, Battery Backup Over 30 minutes, Battery Low, Overload, Fault							
Communication	Intelligent Interface	True RS232 & Contact Closure Signal (Standard), SNMP/HTTP Card (Optional)							
Safety & EMC		UL, CSA, CE, TUV, FCC							
Environment	Ambient Operation	3000 Metres max. Elevation 10 ~ 95% Humidity, Non-condensing, 0 ~ 40°C							
	Audible Noise	<45dB (1 metre from surface)							
Physical	Dimensions (DxWxH) mm	370x150x210	450x150x210	450x430x90			450x430x135		
	Net Weight kg	13	14.5	19.1	19.1	21.8	23.7	39.2	42.4

All product specifications are subject to change without notice. All trademarks mentioned are the properties of their respective owners.



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User-friendly



Reliable

Intelligent



## PowerPrem – Premium Power Protection

The PowerPrem range of Line Interactive True Sinewave UPS are a cost effective design solution ideal for Network Server protection.

The true sinewave output and boost & buck function makes this Line Interactive UPS a better choice than Off-line or On-line UPS while providing clean and reliable backup power to ensure continued data integrity and optimum file server performance under a wide range of mains power conditions.

Our advanced power management and diagnostic software package PowerSmart is also available, which will allow your IT Manager or System Integrator to remotely monitor and manage both the UPS and network server.

With the advancement in the information technology, an increasing number of servers or devices such as Modems, Hubs and Routers are susceptible to surges and spikes from power problems coming through the telephone line or LAN line; therefore, the PowerPrem UPS also have added surge and spike protection for RJ11 and RJ45 connection.

A complete protection design, easy management software and affordable price makes the PowerPrem Line-Interactive UPS the best choice for protecting your Network server.

### Features:

- True Sinewave Output
- Microprocessor based design
- Fully intelligent line interactive
- User Friendly Configurable
- Smart Battery Management
- Overload Protection
- RJ-11 Data Line Protection
- Easy Battery Replacement
- RJ-45 Network Protection
- Extended input range (optional)

### RJ-45 Network Protection

Dedicated for high speed local area network data line and guaranteed network integrity.

### Smart Battery Management

Monitoring the operating parameter of the battery continuously sending out a warning message when the battery reaches the preset criterion and inform user to replace the defected battery.

### True Sinewave Output

PowerPrem provides true sinewave power with less than 5% total harmonic distortion under linear load

### User Friendly Configurable

PowerPrem provides maximum flexibility by allowing the user to configure the following important functions from the front panel:

- Output Frequency - 50 or 60Hz
- Output Voltage - 208/220/230/240V
- AVR Buck Range - 25% (20% or 30% configurable)
- AVR Boost Range - 25% (20% or 30% configurable)
- Energy Saving Mode - in energy saving mode or in normal mode.



### PowerSmart Intelligent Power Management

Intelligent software to automatically shutdown your computer.



### Long Runtime Versions

1000L, 2200L and 3000L versions available with larger internal charges and DC connections for long runtime battery options.



### Rackmount Solutions

Rackmount systems available for all capacity models.

### Overload Protection

SmartLoad circuitry continuously monitors the load and protects against both VA and Watt overload conditions.

### RJ-11 Data Line Protection

For the protection of data line port with access to internet/DSL/Fax/Modem.

### Extended Input Range (Optional)

The input voltage can be extended to +/- 30% from front panel for areas with extreme voltage problems.

### Easy Battery Replacement

Special mechanical design for easy access to the battery when a fault condition occurs.

