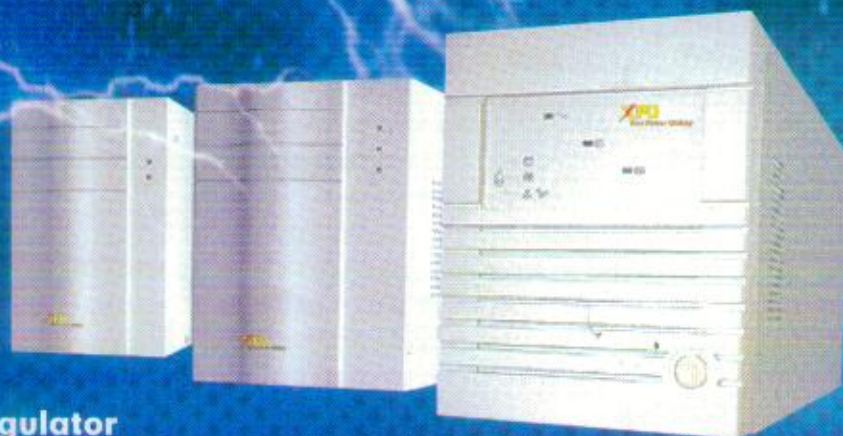


# XPU

## Xtra Power Utility

### YOUR POWER TO RELY ON



#### Automatic Voltage Regulator

XPU unit has an integrated AVR that continuously regulated incoming utility power by boosting or bucking or fluctuating voltage without draining the battery.



#### Power Surge Protection

XPU unit suppresses the power surges or spikes commonly caused by lightning which can destroy key components in your equipment, thus protecting your computer and data from damage.



#### Internet line protection

XPU unit comes with built-in RJ45/RJ11 to safeguard your modem/Fax/10Base-T equipment from surges.



#### DC Cold Start

XPU unit is an advanced line-interactive step-wave UPS with DC cold start capability. It can be activated without AC utility



#### Green Inverter Function

XPU unit has energy saving function which also extends the battery life. The inverter automatically shuts down when load is less than 4% of UPS power rating.



#### Unattended File and Data saving

Real-time Monitoring software (via RS-232 interface) will automatically save active files, close application and systematically shut-down your system in the event of power loss.....and more.



# Small Footprint Big Features

| Model                            |  | LS-625   | LS-1000     | LS-1500     | LS-2000      |
|----------------------------------|--|--|-------------|-------------|--------------|
| Inv. Output                      | Capacity PF=0.6  | 625VA/375W   | 1000VA/600W | 1500VA/900W | 2000VA/1200W |
|                                  | Voltage  | 220V   |             |             |              |
|                                  | Volt Regulation  | +/-5%  |             |             |              |
|                                  | Waveform   | PWM Simulated Sinewave   |             |             |              |
|                                  | Freq. Stability  | 50Hz +/-1Hz  |             |             |              |
|                                  | Transfer time  | 2-4ms typical  |             |             |              |
| Input                            | Voltage window   | 220V(-22% +25%); 170Vac /275Vac  |             |             |              |
|                                  | Frequency  | 50Hz +/-5%   |             |             |              |
|                                  | Boost up   | Yes  |             |             |              |
|                                  | Buck down  | Yes  |             |             |              |
| Physical                         | RFI-dissipation fq   | 100KHz to 30MHz  |             |             |              |
|                                  | Attenuation  | -25dB (100KHz to 80MHz)  |             |             |              |
|                                  | DC Start   | All models can be activated without Utility power  |             |             |              |
|                                  | Green inverter function  | Inverter will automatically shutdown if the load connected is less than 4% of the UPS power rating                           |             |             |              |
| RJ-45 Port                       | Tel/Fax/Modem network protection port (RJ-11 and RJ-45 compatible)                           |  |             |             |              |
| Battery                          | Type   | Sealed Lead Acid maintenance free  |             |             |              |
|                                  | Size   | 12V/7.2Ah  | 12V/12Ah    | HR1221W     | HR1221W      |
|                                  | DC Bus   | 12VDC  | 12VDC       | 48VDC       | 60VDC        |
|                                  | Recharge Time  | 3-5 hours to 90% capacity  |             |             |              |
|                                  | Run Time   | 5-30 minutes depending on computer load connected  |             |             |              |
| Indicators LED and Audible Alarm | Green LED : AC normal, battery charging  |  |             |             |              |
|                                  | Amber LED : stable : Inverter output, flashing : Overload                                    |  |             |             |              |
|                                  | Red LED : Battery low or short Circuit (only for LS-1500 and LS-2000)                        |  |             |             |              |
|                                  | Battery back up : Buzzer sounds every 4 seconds for 100 seconds and silent until battery-low |  |             |             |              |
|                                  | Battery Low : Buzzer sounds rapidly till auto-shutdown                                       |  |             |             |              |
|                                  | Over Load : Buzzer sounds every second for 20 sec. And UPS auto-shutdown                     |  |             |             |              |
| Mechanical                       | Outlet Type  | IEC320-CEE22 for 220/230/240V  |             |             |              |
|                                  | Outlet Nos   | 2pcs   | 2pcs        | 4pcs        | 4pcs         |
|                                  | Wt. Net/Shipping (kgs)   | 7.5/8.5  | 9/10        | 20/21.5     | 23.5/25      |
|                                  | Dim. WxHxD (mm)  | 102x170x258  | 102x170x258 | 143x190x475 | 185x225x488  |
| Environment                      | Temperature  | 0-40 degree C (34-104 degree F)  |             |             |              |
|                                  | Humidity   | 95% RH maximum, non-condensing   |             |             |              |
| Interface                        | Rs232 LAN Interface  | Mains failure, battery low, temperature, voltage, frequency, loading and battery capacity monitoring and remote shutdown UPS |             |             |              |
| Protection                       | Over load <=115%   | Visual + audible alarm and may go to back up mode temporarily when AC fails  |             |             |              |
|                                  | Over load >115%  | Visual +audible alarm and UPS auto-shutdown  |             |             |              |
|                                  | Others   | Short circuit, over/under voltage, surge suppression, battery low  |             |             |              |
|                                  |  | Noise Filtering : EMI/RFI full time suppression  |             |             |              |

Specification subject to change without notice



Available at your local dealer