

IP Series Features:

- ✦ Line Interactive UPS
- ✦ Digital with Microprocessor Control
- ✦ Built-In Automatic Voltage Regulator
- ✦ Cold Start Function
- ✦ Green Mode Function
- ✦ Auto Detecting Frequency
- ✦ Lightning and Surge Protection
- ✦ Tel/Fax Line Surge Protection
- ✦ USB Interface (Optional)
- ✦ UPS Smart Charging even when Power Off (Optional)
- ✦ UPS will Automatically Switch On Whenever AC Power is Present (Optional)



Intelligent Power Series

| MODEL | | IP-500 | IP-500 PLUS | IP-600 | IP-600 PLUS | IP-700 | IP-700 PLUS |
|-------------------|--------------------------|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| DESCRIPTION | | Line Interactive UPS with Smart Microprocessor Control | | | | | |
| CAPACITY | VA / Watts | 500VA / 250W | | 600VA / 300W | | 700VA / 350W | |
| INPUT | Nominal Voltage | 120 VAC or 230VAC Systems | | | | | |
| | Voltage Range | 85VAC~145VAC/ 175VAC~260VAC | 85VAC~145VAC/ 175VAC~285VAC | 85VAC~145VAC/ 175VAC~260VAC | 85VAC~145VAC/ 175VAC~285VAC | 85VAC~145VAC/ 175VAC~260VAC | 85VAC~145VAC/ 175VAC~285VAC |
| | Frequency | 50Hz or 60Hz Auto-Sensing | | | | | |
| OUTPUT | Voltage (Batt.Mode) | 120 VAC or 230VAC ±10% | | | | | |
| | Frequency | 50Hz or 60Hz ±0.5Hz | | | | | |
| | Built-in AVR | Single Boost | Boost & Buck | Single Boost | Boost & Buck | Single Boost | Boost & Buck |
| | Waveform | Modified Sinewave | | | | | |
| | Transfer Time | 4~8 milliseconds | | | | | |
| | Outlets | 4 NEMA 5-15R or 4 IEC or Schuko | | | | | |
| BATTERY | Type | Sealed Lead Acid Maintenance-Free | | | | | |
| | Capacity | 12V/ 4.5Ah x 1pc | | 12V/ 7Ah x 1pc | | 12V/ 7Ah x 1pc | |
| | Recharge Time | 4 Hours to 90% After Complete Discharge | | | | | |
| | Protection | Over Discharge Protection | | | | | |
| | Battery Handle | Fully recharge UPS after complete discharge or every three months when stored | | | | | |
| PROTECTION | Spike | For 120VAC: 40 Joules over 2ms, For 230VAC:80 Joules over 2ms | | | | | |
| | Unit Input | Fuse for Overload and Short Circuit Protection | | | | | |
| | Overload | UPS will Alarm if Overload over 110% and will Immediately Shutdown if Overload over 150% | | | | | |
| | Short Circuit | Input Fuse Protection. UPS Output will Cut Off immediately. | | | | | |
| ALARM | Battery Back Up | Alarm will Beep every 4 Seconds | | | | | |
| | Battery Low | Alarm will Beep every Second | | | | | |
| | Overload | Alarm will Beep continuously | | | | | |
| INDICATORS | Green LED | Power On - Normal | | | | | |
| | Red LED | Battery Low - Overload | | | | | |
| | Red LED Intermittent | Battery Mode | | | | | |
| FUNCTIONS | Frequency Auto-Sensing | YES | | | | | |
| | Synchronization Transfer | YES | | | | | |
| | Cold Start Function | YES | | | | | |
| | Auto Restart UPS | YES | | | | | |
| | Green Mode | YES | | | | | |
| OPTIONAL FEATURES | Smart Charger | UPS smart charging even when Power Off | | | | | |
| | Auto Start | UPS will automatically switch on whenever AC Power is present | | | | | |
| | Tel/Modem Protection | RJ-11 | | | | | |
| | Interface | USB | | | | | |
| | Software | UPSmart for Windows (95, NT4.0, 98SE, ME, 2K, XP, Server2003, Vista, Win 7); Linux (Redhat 7.0~7.3 & Mandrake 8.2); Novell (4.X & 5.1) | | | | | |
| ENVIRONMENT | Altitude | < 5000 Meter | | | | | |
| | Temperature | 0°C ~ 40°C | | | | | |
| | Humidity | 0% ~ 90% (Non-Condensing) | | | | | |
| | Audible Noise | < 40dB at 1 meter | | | | | |
| DIMENSIONS | D x W x H (mm) | 275 x 97 x 170 | | | | | |

* Specification Subject to Change without Prior Notice.