# UPS SYSTEMS

## Online UPS System

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TYPE</th>
<th>Dynamix 1000VA On-Line UPS, 10A power input</th>
<th>Dynamix 2000VA On-Line UPS, 10A power input</th>
<th>Dynamix 3000VA On-Line UPS, 15A power input</th>
<th>USB cable for UPS monitoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPS1000HB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPS2000HB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPS3000HB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPS-USB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES**

- Multifunction LCD display
- Pure sine wave output
- Auto self power on once power is restored
- RS232 cable included
- AVR function, ensures stable voltage
- Complete power conditioner and UPS
- New Zealand power sockets on UPS
- RS232 communication port and monitoring/shut down software included
- Overload and self diagnostic protection
- Fax / Phone protection ports
- 2 Year Warranty

### Model Specifications

| Model         | Power           | No. of Sockets | Topology   | Input Voltage Range | Nominal Input Voltage | Input Frequency | Max Input Current | Nominal Output Range | Max Output Current | Output Voltage Range | Output Frequency | Overload Capacity | Wave Form | Transient Response | Harmonic Distortion | Efficiency | Transfer Time | Batteries & Runtime | Charge Time | LCD Status Display | Audible Alarm | Interface Port(s) | Control Software | Cold-start capable | Protection |
|---------------|-----------------|----------------|------------|---------------------|-----------------------|------------------|-------------------|---------------------|-------------------|---------------------|------------------|-------------------|----------|-------------------|---------------------|-----------|---------------|----------------------|------------|-------------------|--------------|------------------|----------------|-------------------|
| UPS1000HB     | 1000VA/700W     | 2              | Online     | 165Vac-275Vac+3%    | 220/230/240Vac        | 50/60Hz+5%       | 6.0A              | 220/230/240Vac      | 4.5A              | 220/230/240Vac      | 50/60Hz+5%       | >110% (30S)       | Sine Wave | +10% (100% Loading) | Less than 3% at Linear Loading (Full Load) | >96%      | 0mS            | Full Load 6 Mins   | <12 Hours (90%) | AC NORMAL, BYPASS, BATTERY, INVERTER, FAULT, LOAD, BATTERY CAPACITY | Buzzer | SNMP/RS-232      | UPSilion2000 V3.22 | Yes     | Surge Protection & Filtering, Overload Protection, Battery Low Voltage Protection, Output Short Circuit Protection, EMI Filter, Tel/Fax/Modem Jack, High Voltage, Low Voltage, Surge, Spike | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| UPS2000HB     | 2000VA/1400W     | 4              |            |                     |                       |                  | 12.0A             |                     | 9.0A              |                     |                  |                  |          |                   |                     | >95%      | <4mS           | Half Load 15 Mins  | <12 Hours (90%) | AC Unusual/Battery Low Voltage/Overload/Short Circuit/PCB Failed | Buzzer | SNMP/RS-232      | UPSilion2000 V3.22 | Yes     | Surge Protection & Filtering, Overload Protection, Battery Low Voltage Protection, Output Short Circuit Protection, EMI Filter, Tel/Fax/Modem Jack, High Voltage, Low Voltage, Surge, Spike | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| UPS3000HB     | 3000VA/2100W     | 3              |            |                     |                       |                  | 16.0A             |                     | 13.6A             |                     |                  |                  |          |                   |                     | >95%      | <4mS           | Half Load 16 Mins  | <12 Hours (90%) | AC Unusual/Battery Low Voltage/Overload/Short Circuit/PCB Failed | Buzzer | SNMP/RS-232      | UPSilion2000 V3.22 | Yes     | Surge Protection & Filtering, Overload Protection, Battery Low Voltage Protection, Output Short Circuit Protection, EMI Filter, Tel/Fax/Modem Jack, High Voltage, Low Voltage, Surge, Spike | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

### Included Battery Modules
- UPS1000HB: 3PCS 12VDC/7.2Ah
- UPS2000HB: 8PCS 12VDC/7.2Ah
- UPS3000HB: 8PCS 12VDC/7.2Ah

### Batteries & Runtime
- UPS1000HB: Full Load 6 Mins, Half Load 15 Mins
- UPS2000HB: Full Load 10 Mins, Half Load 25 Mins
- UPS3000HB: Full Load 6 Mins, Half Load 16 Mins

### Charge Time
- UPS1000HB: <12 Hours (90%)
- UPS2000HB: <12 Hours (90%)
- UPS3000HB: <12 Hours (90%)

### Environmental Specifications
- Operating Temperature: 0 - 40°C
- Storage Temperature: -15°C – 45°C
- Operating Relative Humidity: 10%RH–95%RH; Non-condensing

### Physical Specifications
- Machine Size (mm): UPS1000HB: 145 x 405 x 215, UPS2000HB: 192 x 455 x 346, UPS3000HB: 300 x 120 x 197
- Net Weight (Kgs): UPS1000HB: 13, UPS2000HB: 31.8, UPS3000HB: 32.6

### Regulatory Approvals
- CE