### Online UPS System

<table>
<thead>
<tr>
<th>Model</th>
<th>UPS1000HB</th>
<th>UPS2000HB</th>
<th>UPS3000HB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>1000VA/700W</td>
<td>2000VA/1400W</td>
<td>3000VA/2100W</td>
</tr>
<tr>
<td>No. of Sockets</td>
<td>2</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Topology</td>
<td>Online</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Input
- **Nominal Input Voltage**: 220/230/240Vac
- **Input Frequency**: 50/60Hz+3%
- **Max Output Current**: 6.0A
- **Nominal Output Range**: 220/230/240Vac
- **Overload Capacity**: >110% (30S)
- **Wave Form**: Pure Sine Wave
- **Harmonic Distortion**: Less than 3% at Linear Loading (Full Load)
- **Power Factor**: 0.7

#### Output
- **Nominal Output Range**: 220/230/240Vac
- **Max Output Current**: 4.5A
- **Output Voltage Range**: 220/230/240Vac +10% - 15%
- **Output Frequency**: 50/60Hz+0.5

#### Change Time
- **Battery Mode**: 0mS
- **Bypass Mode**: <4mS
- **Included Battery Modules**: 3PCS 12VDC/7.2Ah

#### Batteries & Runtime
- **Runtime**: Full Load 6 Mins
- **Charge Time**: <12 Hours (90%)

#### LCD Status Display
- **AC NORMAL, BYPASS, BATTERY, INVERTER, FAULT, LOAD, BATTERY CAPACITY

#### Audible Alarm
- **Buzzer**: AC Unusual/Battery Low Voltage/Overload/Short Circuit/PLB Failed

#### Interface Port(s)
- **Interface**: SNMP/RS-232

#### Control Software
- **UPSilion2000 V3.22

#### Protection
- **Surge Protection & Filtering**: Yes
- **High Voltage, Low Voltage, Surge, Spike
- **Overload Protection**: Yes
- **Battery Low Voltage Protection**: Yes
- **Output Short Circuit Protection**: Output Auto Cutoff, Buzzer Beeping
- **EMI Filter**: Yes
- **Tel/Fax/Modem Jack**: Yes
- **Regulatory Approvals**: CE

#### Environmental
- **Operating Temperature**: 0 - 40ºC
- **Storage Temperature**: -25ºC - 60ºC

#### Physical
- **Machine Size (mm)**: 145 x 405 x 215
- **Net Weight (Kgs)**: 13

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### Characteristic

<table>
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<tr>
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<th>Specification</th>
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<tr>
<td>Model</td>
<td>UPS650D</td>
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</tr>
<tr>
<td>Model</td>
<td>UPS1700D</td>
</tr>
<tr>
<td>Rated Power</td>
<td>650VA</td>
</tr>
<tr>
<td>No. of Sockets</td>
<td>2</td>
</tr>
<tr>
<td>Input Frequency</td>
<td>120V 60Hz</td>
</tr>
<tr>
<td>Frequency</td>
<td>50-60 Hz</td>
</tr>
<tr>
<td>Battery Type</td>
<td>Sealed, maintenance-free lead acid</td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>12V 7 Ah x 1pc</td>
</tr>
<tr>
<td>Back-up Time (half load)</td>
<td>&gt;8mins</td>
</tr>
<tr>
<td>Typical Recharge Time</td>
<td>8-10 hours</td>
</tr>
<tr>
<td>Temperature</td>
<td>-5ºC ~ 40ºC</td>
</tr>
<tr>
<td>Humidity</td>
<td>10~90% RH, non condensing</td>
</tr>
<tr>
<td>Audible Noise (1 metre)</td>
<td>&lt; 40dB (A)</td>
</tr>
<tr>
<td>Transfer Time</td>
<td>&lt; 10 ms</td>
</tr>
<tr>
<td>Net Weight</td>
<td>6.8kg</td>
</tr>
<tr>
<td>Dimension (W x D x H)</td>
<td>86 x 130 x 150mm</td>
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### Inline interactive UPS System

**Model Code & Type**
- **UPS650D**: Dynamic 650VA UPS
- **UPS1000D**: Dynamic 1000VA UPS
- **UPS1700D**: Dynamic 1700VA UPS
- **UPS12V7**: 12V 7.0AH replacement UPS battery

**Features**
- Complete power conditioner and UPS
- New Zealand power sockets on UPS for easy installation
- Clear LCD display
- Line interactive, lengthens battery life
- AVR function, ensure stable voltage
- Fax / Phone protection ports
- RS232 communication port and monitoring / shut down software included
- Overload and self diagnostic protection
- 3 Year Warranty

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### Online UPS Systems

**Model Code & Type**
- **UPS1000HB**: Dynamic 1000VA On-Line UPS
- **UPS2000HB**: Dynamic 2000VA On-Line UPS
- **UPS3000HB**: Dynamic 3000VA On-Line UPS

**Features**
- Complete power conditioner and UPS
- New Zealand power sockets on UPS for easy installation
- Clear LCD display
- Line interactive, lengthens battery life
- AVR function, ensure stable voltage
- Fax / Phone protection ports
- RS232 communication port and monitoring / shut down software included
- Overload and self diagnostic protection
- 3 Year Warranty

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### Summary

- **UPS650D**
  - Dynamic 650VA UPS
  - Complete power conditioner and UPS
  - New Zealand power sockets on UPS for easy installation
  - Clear LCD display
  - Line interactive, lengthens battery life
  - AVR function, ensure stable voltage
  - Fax / Phone protection ports
  - RS232 communication port and monitoring / shut down software included
  - Overload and self diagnostic protection
  - 3 Year Warranty

- **UPS1000D**
  - Dynamic 1000VA UPS
  - Complete power conditioner and UPS
  - New Zealand power sockets on UPS for easy installation
  - Clear LCD display
  - Line interactive, lengthens battery life
  - AVR function, ensure stable voltage
  - Fax / Phone protection ports
  - RS232 communication port and monitoring / shut down software included
  - Overload and self diagnostic protection
  - 3 Year Warranty

- **UPS1700D**
  - Dynamic 1700VA UPS
  - Complete power conditioner and UPS
  - New Zealand power sockets on UPS for easy installation
  - Clear LCD display
  - Line interactive, lengthens battery life
  - AVR function, ensure stable voltage
  - Fax / Phone protection ports
  - RS232 communication port and monitoring / shut down software included
  - Overload and self diagnostic protection
  - 3 Year Warranty

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### Additional Information

- **Range of Output Voltage**
  - Utility Power: 190VAC – 246VAC ±5V
  - Battery: 220V ±10% (Square Wave)

- **Range of Output Frequency**
  - Utility Power: Same as Utility Power (Sine Wave)
  - Battery: 50-60 Hz