## ACURA

### UPS Monitoring and Management Software

#### Easy-Mon X Software

Computer can manage UPS by checking electricity status and UPS status such as utility power failure, low battery, and allow computer to shutdown UPS automatically.

#### Schedule Shutdown, Restart and Self-Test

An advanced calendar helps set the time for turning the UPS on and off and also for testing the UPS when using with Easy-Mon X software. (option)

#### USB Connectivity

The USB communication port for connecting the UPS to computer or network computer (option). For sending the information and data via USB cable and display through the Easy-Mon X Software.

### INTELLIGENT MICROPROCESSOR and ADVANCED DIGITAL CONTROL UPS

#### Microprocessor Controlled:

New microprocessor controlled circuit for faster detection to protect your computer.

#### Power Watcher:

Overload warning is given both when utility line OK and utility line fail to let user be alarmed all the time.

#### Battery Watcher:

Automatic battery test and alert when it’s time to replace the new battery.

#### Ultra Fast Charge:

With 3 stage battery charging, battery can be charged to 80% of its capacity in shorter time.

#### Intelligent Battery Management:

Charging and discharging battery management get longer backup times and prolong battery life.

#### 25% Longer Backup Time:

With high rate battery, UPS can provide backup power longer than using normal battery for 25% that let user has longer time to save data and shutdown the computer. (available in some model)
**SPECIFICATIONS**

<table>
<thead>
<tr>
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<th>ACURA 650</th>
<th>ACURA PLUS 1050</th>
<th>ACURA PLUS 1500</th>
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<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>650 VA (390 W)</td>
<td>1050 VA (630 W)</td>
<td>1500 VA (900 W)</td>
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**INPUT**

- Input voltage for utility operation: ± 25% of nominal input voltage
- Nominal input:
  - 220 Vac Single phase (230, 240 Vac Option)
  - 50 Hz ± 6% (60 Hz ± 6%) auto sensing (50 Hz ± 10% option)

**OUTPUT**

- Voltage (on battery for 1 PC* load): Modify sine wave at nominal input voltage ± 2%
- Frequency (on battery): 50 Hz ± 0.1% (60 Hz ± 0.1%) auto sensing
- Automatic Voltage Regulation: Nominal voltage ± 10%
- Transfer time: 2 - 4 ms
- Overload protection:
  - On battery - internal current limiting, On line - fuse
  - On battery - internal current limiting, On line - circuit breaker

**SURGE PROTECTION AND FILTERING**

- Surge energy rating, peak current capability:
  - ACURA 650: 346 Joules, 16 kA
  - ACURA PLUS 1050: 519 Joules, 24 kA
- Normal mode clamping response time: < 25 ns
- Normal mode noise suppression: Full time EMI / RFI filtering
- Surge energy rating for telephone line: 28.5 Joules, 3.6 kA (RJ 45 PIN 4, 5)
- Surge protection for LAN line: option
  - yes

**ENVIRONMENTAL**

- Ambient operation: 0 - 95% humidity non-condensing, 0 to + 45°C (32 to 113°F)
- Ambient storage: 0 - 95% humidity non-condensing, -10 to + 45°C (14 to 113°F)
- Audible noise: < 40 dBA (at 1 metre)

**PHYSICAL**

- Input connector type: IEC 320 C 14
- Number of output outlet:
  - Backup: 3
  - Surge Protection: 1
- Dimensions (W x H x D) in cm. (inches):
  - ACURA 650: 10.0 x 16.5 x 32.0 (3.9x6.5x12.6)
  - ACURA PLUS 1050: 12.5 x 21.0 x 36.5 (4.9 x 8.3 x 14.4)
- Net weight in kg. (lb):
  - ACURA 650: 8.5 (18.7)
  - ACURA PLUS 1050: 14.0 (30.9)
  - ACURA PLUS 1500: 18.0 (39.7)
- Shipping weight in kg. (lb):
  - ACURA 650: 9.5 (20.9)
  - ACURA PLUS 1050: 15.0 (33.1)
  - ACURA PLUS 1500: 19.0 (41.9)

**BATTERY**

- Type: Hot swappable, sealed lead acid (maintenance-free)
- Capacity:
  - ACURA 650: 1 x 12 V 7 Ah
  - ACURA PLUS 1050: 2 x 12 V 7 Ah
  - ACURA PLUS 1500: 2 x 12 V High Rate
- Continues recharging time to 80 %:
  - ACURA 650: < 3 hours
  - ACURA PLUS 1050: < 5 hours
- Management: Replace battery indicator & alarm
- Backup time:
  - ACURA 650: 15 - 40 minutes (depending on connected load)

**ADVANCE WARNING DIAGNOSTICS**

- Front panel LED’s:
  - On-line, UPS overload, Replace battery, Input voltage level, Load level, Battery Level
- LCD display: no
  - Input voltage level, Load level, Battery Level, Replace battery, Self-Test
- Audible alarms:
  - On battery, Low battery, UPS overload, replace battery

**COMMUNICATIONS INTERFACE**

- USB port: USB port can be connected to PC, workstations or servers for automatic unattended shutdown. Easy-Mon X may be required.

**CONFORMANCE**

- Design Regulation: EN 50091-1, EN 50091-2, EN 55022, EN 61000-4-2, (4), (6), IP21

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PC* = Pentium 4, 1.8 GHz chip with 15” monitor.

- Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.
- Easy-Mon X Software capable to work with Microsoft Windows 2000/NT/XP. Please check details of OS version at www.leonics.com
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