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| **Model** | | **AHA-303-LX** |
| **Capacity** | | **3KVA / 2.1KW** |
| Input | Voltage | single phase 220Vac -20% +35% |
| Frequency | 50Hz or 60Hz +/- 5% |
| Output | Voltage | single phase 220Vac +/- 5% (adjustable) |
| Frequency | 50Hz or 60Hz |
| Voltage Regulation | +/- 1% |
| Frequency Stability | +/- 0.5% (Free Running) |
| Transient Response | +/- 3% (100% load variation) |
| Waveform | Sinewave THD < 3% at 0-100% linear load |
| Overload Capacity | 120% load 30 seconds, >150% constant power. |
| Power factor | 0.7-1, lag |
| Crest ratio | 3 : 1 |
| Battery | Voltage | 192Vdc |
| Charger | 5A charger build in |
| Efficiency | AC to AC | >85% |
| Transfer Time | AC Fault | Zero |
| Protection | Battery | Battery low shutdown and breaker |
| Overload | 150% 30sec. switch to bypass line & automatic re-transfer |
| Short Circuit | Current Limited and cut-off and fuse and breaker |
| UPS Fault | Bypass, load supplied from mains less than 2ms. |
| EMI/EMC | EN50091-2, CE Approved |
| Audible Alarm | Mains Failure | Sounding every four seconds after mains fail, 90 seconds mute |
| Final Discharge | Sounding once every second as battery approaches |
| Overload | Continuously |
| UPS Fault | Continuously |
| Indicator | LCD | UPS state, I/P&O/P voltage, I/P&O/P frequency,  Battery voltage, Loading %,  History record |
| LED | Utility LED (green), Inverter LED (green), Battery Low (yellow)  Bypass voltage (yellow) Fault LED (red), Overload (yellow) |
| Interface | Contact Closure | Support MEGATEC RUPS UPS monitoring software |
| RS-232 | Support MEGATEC RUPSII / UPSilon 2000 monitoring software |
| Environment | Operation Temperature | 0-40 degree C; 32-104 degree F |
| Relative Humidity | 20-90% non-condensing |
| Audible Noise | Less than 45dB(at 1 meter) |
| Physical | Net Weight (KGS/LBs) | 33kgs without battery |
| Dimension (WxHxD)mm | 180 x 360 x  500 |

\* Specifications are subjected to change without prior notice.