

## Athena UPS Technical Specifications

| MODEL                  |  | AU33-150K   |
|------------------------|--|---|
| CAPACITY KVA           |  | 150 KVA   |
| INPUT                  | Voltage<br>(select one individual voltage) | 3 Phase Delta 220/380/460 ± 20%<br>3 Phase Wye 190/200/208/220/230/240V ± 20%<br>3 Phase Wye 380/400/415/440/460/480V ± 20%   |
|                        | Frequency                                  | 50 or 60 Hz ± 5% (Optional 400Hz)   |
|                        | Power Factor                               | ≥ 0.97  |
|                        | Power Walk In                              | 0-100%: 20 seconds  |
| OUTPUT                 | Voltage<br>(select one individual voltage) | 3 Phase Delta 220/380/460V (+/-5% adjustable)<br>3 Phase Wye 190/200/208/220/230/240V (+/-5% adjustable)<br>3 Phase Wye 380/400/415/440/460/480V (+/-5% adjustable) |
|                        | Voltage Regulation                         | ± 1% at Linear Load   |
|                        | Phase Shift (unbal. load)                  | < 0.5 Deg.  |
|                        | Frequency (select one)                     | 50 or 60Hz ± 0.1Hz (Optional: 400Hz.)   |
|                        | Power Factor                               | 0.8   |
|                        | Distortion (THD)                           | < 2.0% (Linear Load)  |
|                        | Crest Factor                               | 3:1   |
|                        | Overload Capacity                          | 125% for 15 Minutes, 150% for 10 Minutes,<br>> 150% for 1 minute.   |
| INDICATORS             | LCD  | Real Time Status, Data or Historical Events, Parameters, Real Time Clock, Inverter & Alarm  |
|                        | LED  | Up to date information (Status) to the User & Audible Alarm   |
| PROTECTION             | Over/Under Voltage                         | Alarm   |
|                        | Output Short Circuit                       | Auto-shutdown   |
|                        | Overload                                   | Auto-shutdown 25 SEC. later   |
|                        | Over Temperature                           | Auto-shutdown   |
|                        | Surge                                      | Surge and Lightning Protection  |
| EMI/EMC                | EN50091-2 Approved                         |   |
| INTERFACE              | Contact Closure, RS-232                    | Supports MEGATEC RUP, MEGATEC RUPSII, UPSilon 2000 UPS monitoring software  |
| ENVIRONMENT            | Operating Temperature                      | 0° – 40° C  |
|                        | Humidity                                   | 0 - 90% Non-condensing  |
|                        | Audible Noise                              | < 65 dB at 1 meter  |
| DIMENSIONS             | W x H x D (mm)                             | 1,100*1,600*800   |
|                        | W x H x D (in)                             | 43.3*63.0*31.5  |
| WEIGHT                 | Kilograms                                  | 1600  |
|                        | Pounds                                     | 3527.4  |
| BATTERY                | Type - Quantity                            | 100 AH - 29 ea.   |
| BACKUP TIME **         | Minutes - Minimum                          | 6 min.  |
| BATTERY CABINET DIM    | W x H x D (mm)                             | 1,100*1,600*800   |
|                        | W x H x D (in)                             | 43.3*63.0*31.5  |
| BATTERY CABINET WEIGHT | Kilograms                                  | 266   |
|                        | Pounds                                     | 586.4   |
| BATTERY WEIGHT         | Kilograms                                  | 1020.8  |
|                        | Pounds                                     | 2250.5  |

\* Weights based on 220V IN and OUT. Weights may vary based on input/output frequency/voltage.

\*\* Longer backup times (to 8 hours) are available from standard models; custom specifications also available.