

Athena Frequency Converter Technical Specifications

| MODEL | | HFC11-003K |
|---|--|---|
| CAPACITY KVA | | 3 KVA |
| INPUT | Voltage (select one individual voltage) | 1 Phase 100, 110, 115, 120, 200, 208, 220, 230, or 240V ± 20% |
| | Frequency | 47 - 63 Hz (Optional 400Hz) |
| | Power Walk In | 0-100% < 20 seconds |
| OUTPUT | Voltage (select one individual voltage) | 100, 110, 115, 120, 200, 208, 220, 230, or 240V (± 15% adjustable from nominal) |
| | Voltage Regulation | ± 1% from Set Point |
| | Phase Shift (unbal. load) | |
| | Frequency (select one) | 50 or 60Hz ± 0.1Hz |
| | | (Optional: 400Hz.) (Optional: Switch Selectable 50/60Hz.) |
| | Power Factor | 0.7-1 lag |
| | Distortion (THD) | < 3.0% (Linear Load) |
| | Crest Factor | 3:01 |
| | Overload Capacity | 110% continuous, 120-150% for 30 seconds, > 150% auto-shutdown, auto restart when normal |
| | Efficiency | > 85% |
| INDICATORS | LCD | I/P&O/P Voltage, I/P&O/P Frequency, Loading %, History Record |
| | LED | Utility LED (green), Inverter LED (green), Fault LED (red), Overload (yellow) |
| PROTECTION | Over/Under Voltage | Alarm |
| | Output Short Circuit | Current Limited and cut-off, fuse and breaker |
| | Overload | Auto-shutdown 1 min. later |
| | Over Temperature | Auto-shutdown |
| | Lightening/EMC Filter | Surge and Lightning Protection |
| | EMI/EMC | EN50091-2, CE |
| | Galvanic Isolation | N/A |
| INTERFACE | Contact Closure, RS-232 | Support MEGATEC RUPS, MEGATEC RUPSII / UPSilon 2000 UPS monitoring software |
| ENVIRONMENT | Operating Temperature | 0° – 40° C |
| | Humidity | 0 - 90% Non-condensing |
| | Audible Noise | < 45 dB at 1 meter |
| DIMENSIONS | W x H x D (mm) | 180*500*540 |
| | W x H x D (in) | 7.1*19.7*21.3 |
| WEIGHT * | Kilograms | 65 |
| | Pounds | 143.3 |
| * Weights based on 220V IN and 380V OUT. Weights may vary based on input/output frequency/voltage | | |