

Athena AHA Frequency Converter Technical Specifications

Please refer to Product Photo at the end of the file.

MODEL		HFC11-010K	
CAPACITY KVA		10 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)	1 Phase 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	125% for 15 Minutes, 150% for 10 Minutes, > 150% for 30 Seconds	
	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	150% 30seconds cut off (Current Limited)	
	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)	480*845*340	
	W x H x D (in)	18.9*33.3*13.4	
WEIGHT *	Kilograms	116	
	Pounds	255.7	

* Weights based on 220V IN and 380V OUT. Weights may vary based on input/output frequency/voltage

