

## Athena UPS Technical Specifications

MODEL		AU31-020K
CAPACITY KVA		20 KVA
INPUT	Voltage (select one individual voltage)	3 Phase Delta 220/380/460 ± 20% 3 Phase Wye 190/200/208/220/230/240V ± 20% 3 Phase Wye 380/400/415/440/460/480V ± 20%
	Frequency	50 or 60 Hz ± 5% (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 ( ± 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.)
	Phase	1 Phase, 2W+G (Optional 3W)
	Power Factor	0.8
	Distortion (THD)	< 2.0% (Linear Load)
	Crest Factor	3:1
	Overload Capacity	125% for 15 Minutes, 150% fro 10 Minutes, > 150% for 1 minute.
Efficiency	>= 91%	
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
	Lightning / EMC Filter	Surge and Lightning Protection
	EMI/EMC	EN50091-2 Approved
Galvanic Isolation	Input & Output True Galvanic Isolation	
INTERFACE	Contact Closure, RS-232/ 485	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)	550*1,600*800
	W x H x D (in)	21.7*63.0*31.5
WEIGHT w/o batteries	Kilograms	450
	Pounds	992.1
BATTERY	Type - Quantity	HR1234W - 58
BACKUP TIME **	Minutes - Minimum	10 min.
BATTERY WEIGHT	Kilograms	170
	Pounds	374.8

\* 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.