

## Athena UPS Technical Specifications

MODEL		AU33-090K
CAPACITY KVA		90 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 Factor	>= 0.97
	Power Walk In	0-100%: 20 seconds
OUTPUT	Voltage (select one individual voltage)	3 Phase Delta 220/380/460V (+/-5% adjustable) 3 Phase Wye 190/200/208/220/230/240V (+/-5% adjustable) 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% fro 10 Minutes, > 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	1050
	Pounds	2314.9
BATTERY	Type - Quantity	88 AH - 29 ea.
BACKUP TIME **	Minutes - Minimum	12 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	899
	Pounds	1981.9

\* 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.