Certification of Runtime Performance

Customer Information

Report Date: 2/21/2018

Standards

Test Load	1200 watts at 120 volt	90 minutes	**Minimum Runtime**

Certification Summary

Certified Test Load	1200 watts, 120volt, Resistive Load	
Avg Test Runtime	132 minutes	
Minimum Standard	**PASSED**	
Depreciated Standard	**PASSED**	*(passes at 25% depreciated capacitity)*
Overload Standard	**PASSED**	*(passes at 25% over test load wattage)*

Uninteruptible Power Supply System

System Name	APC 2000va Smart UPS with two extended run unit and bypass unit				
UPS Manufacturer	Schnieder Electric	**Batteries**	Sealed Lead Acid 12v 5.0 ah		
UPS Model #	SMX2000RMLV2U	**Serial #**	QS1741028388	**Battery Date**	Dec-17
Extended Run Unit 1	SMX120RMBP2U	**Serial #**	QS1745528852	**Battery Date**	Dec-17
Extended Run Unit 2	SMX120RMBP2U	**Serial #**	QS1745525163	**Battery Date**	Dec-17
Extended Run Unit 3	not present	**Serial #**		**Battery Date**	

Test Summaries

Test Type 1: Internal	*Drain test using defined load and unit's own runtime calculator and Netcard*				
	Internal Device	APC Network Management card AP9631 SN# 12566999696			
	Run 1 Results	132	**Test Date**	2/28/2018	
	Run 2 Results	132	**Test Date**	2/28/2018	
Test Type 2: Physical	*Drain test using defined load until expiration*				
	Run 1 Results	132	**Test Date**	2/28/2018	
Test Type 3: Depreciated	*Drain test with lab bench batteries fully charged from 2016 to simulate 1 yr old batteries*				
	Run 1 Results	107	**Test Date**	2/28/2018	
Test Type 4: Overload	*Drain test with load at 120% of test load (1440watts) to simulate overload conditions*				
	Run 1 Results	107	**Test Date**	2/28/2018	
Manufacturer's Runtime Assertation		107	**FileInfo**		

Load Summary	(2) 600watt PHC Edison Base Cone Heaters EBCH-120/600		
Test File Name	EDGE1K2018	**Test Tech Name**	Robert Durham

Best Practices Implementation

Maintenance Bypass Present - YES

3rd Part Service Contract - NO

Remote Monitoring/management - YES

Field restrictions

Test Limitations

Results are confirm at the time of testing. Over the duration of a year, battery capacities diminish because of number of factors.
Tests performed in lab environment under controlled conditions. Actual field conditions, wiring, and equipment may cause variations.
System should be inspected quarterly and batteries shall be kept in 70 degree environment for optimal performance
All measurements taken with new, fully charged batteries, with no electrical input and balanced resistive load (PF = 1.0) output.