



Legendary Reliability™

APC Global Services

Preventive Maintenance**InfraStruXure™ Power Generation****- Your best defense against downtime**

The Generator Inspection, Full Service Preventive Maintenance (PM) and Automatic Transfer Switch (ATS) Preventive Maintenance Service include limited consumables, comprehensive visual, environmental and electronic inspection of the InfraStruXure™ solution. The services are available for any time scheduling. Three quarterly inspections, and one annual full service preventive maintenance are included for the generator and one annual PM on the ATS. This service is aimed at maximizing data center uptime by ensuring that the InfraStruXure™ components are performing to defined technical and environmental specifications.

Generator Inspection Service

- On site inspection service selectable in single increments. In addition to the Full Service PM, three additional inspections are recommended during a one year period, a minimum of one is required.
- Verify that system environment is within specified conditions
- Check Engine Generator for leaks, engine oil level & pressure
- Check Cooling System, Air Intake System, Fuel System, Exhaust System and Electrical System
- Written summary report

Generator Full Service Preventive Maintenance

- One visit per year includes all checks in the Generator Inspection Service plus;
- Once per year replace engine oil and oil filter. Change fuel filter, coolant filter, water separator filter, float tank breather element. Check antifreeze and additive concentration, grease bearings. Change air filter every two years.
- Fuel and oil contamination testing
- Other major consumables such as belts, hoses, coolant change and battery replacement covered by an additional service. The replacement cycle for these items depend on use and environment.
- Written summary report

Generator Supplemental Consumables

In addition to the Full Service Preventive Maintenance for your generator, there are several other major consumables that should be replaced on a scheduled basis to avoid unexpected downtime and maintain factory warranty status. APC recommends that these consumables be replaced every two years in conjunction with a Full Service or Inspection Service. Although, variations in your environment or operating conditions may effect the replacement cycle time. Supplemental Consumables include:

- Starting battery replacement
- Generator coolant replacement
- Belts and hose replacement

ATS Preventive Maintenance

- One visit per year coordinated with the Generator Full Service Preventive Maintenance
- Measure and record all power, control and monitoring functions of the ATS
- Visually inspect power, control and monitoring components for signs of overheating or other damage
- Exercise ATS in manual and automatic modes of operation in conjunction with generator operation.
- Verify all Powerview, Generator and ATS settings

APC Global Services Selector <http://www.apc.com/support/service/>



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Benefits to Customer:

- Ensure availability through preventive maintenance
- Assurance that UPS system will be performing according to manufacturer specifications
- Optimized capital expenditures by increasing the lifetime of your data center infrastructure

Important Points:

- Preventive Maintenance Visit is available for any time scheduling
- Includes labor and travel expenses
- Does not include repair parts
- Allow a two week lead time in service scheduling
- This service can be ordered as a stand-alone visit or in conjunction with any service agreement from APC
- Additional visits can be purchased for the same system if more than one Preventive Maintenance Visit per year is desired
- **If system cannot be shut down and locked out, a minimum of input / output terminal block temperatures will be verified by infrared temperature probe. If this test determines terminal block temperatures are outside manufacturer tolerances, the system will require complete shutdown for corrective action**
- **NOTE: APC strongly recommends that the system be totally shut down in order to complete a full preventive maintenance check**