

# Component Life Cycle Replacement Schedule

(updated to December 2021)

Product		Maintenance			Responsibility	
Sub Equipment	Operation description	Agents that may effect the aging factor	Frequency (every x year)	Frequency	Local Operator	Approved FSE by Eaton
UPS	Visual inspection and control of any unexpected warning/alarm and noise			Daily	✓	
	Inspection of the UPS measurements by display			Monthly	✓	
	Inspection of the connectivity devices			Daily	✓	
	Visual inspection of the batteries and of the automatic monthly battery test results			Every month	✓	
	Battery test (manual)			1-2 times per year	✓	✓
	Inspection of UPS parameters, calibration and alarm log			1-2 times per year		✓
	UPS internal and external cleaning			1-2 times per year		✓
	Verify UPS functionality (double conversion, on battery, on bypass)			1-2 times per year		✓
	Visual inspection of the air filters. Eventually vacuum them	Dust, humidity, general site conditions		Every 4 months	✓	✓
	Air filter replacements (option)	Dust, humidity, general site conditions	1	1 time per year if the site is clean, 2-3 time for more harsh environments	✓	✓
	Visual Inspection of the static switch FANs	Dust, humidity, general site conditions, temperature		Every year		✓
	Static switch FANs replacement	Dust, humidity, general site conditions, temperature	5	5 years if site conditions are clean at 40 C		✓
	Battery on the communication board (CSB) replacement	Dust, humidity, general site conditions, temperature		5 years starting with the date the unit is manufactured		✓
	EMI board	Dust, humidity, general site conditions, temperature	10	10 years if site conditions are clean at 40 C		✓
	Top air exhaust fans (option)		5	5 years if site conditions are clean at 40 C		✓
Main circuit fuses (input, bypass, battery)		10	10 years if site conditions are clean at 40 C		✓	
UPM	Visual Inspection of the FANs	Dust, humidity, general site conditions, temperature		Every year		✓
	FANs replacement	Dust, humidity, general site conditions, temperature	5	5 years if site conditions are clean at 40 C		✓
	DC CAPS replacement	Dust, humidity, general site conditions, temperature	10	10 years if site conditions are clean at 40 C		✓
	AC CAPS replacement	Dust, humidity, general site conditions, temperature	7	7 years if site conditions are clean at 40 C		✓
	EMI board	Dust, humidity, general site conditions, temperature	10	10 years if site conditions are clean at 40 C		✓
	Main circuit fuses (input, output)	Temperature, electrical stress	10	10 years if site conditions are clean at 40 C		✓
	Main circuit fuses (battery)	Temperature, electrical stress	10	10 years if site conditions are clean at 40 C		✓