

WITNESS TEST AS PER 62040-3 © IEC: 1999

SCHEDULE OF TESTS FOR UPS

Testing of UPS	Routine test	Optional test when required for specific application
Interconnection cable check	X	
Light load test	X	
UPS auxiliary device(s) test	X	
Synchronization test		X
AC input failure test	X	
AC input return test	X	
Simulation of parallel redundant UPS fault	X	
Transfer test	X	
Full load test	X	
UPS efficiency test		X
Unbalanced load test		X
Balanced load test		X
Current division in parallel or parallel redundant UPS test		X
Rated stored energy time test		X
Rated restored energy time test		X
Battery ripple current test		X
Overload capability test		X
Short-circuit test		X
Short-circuit protection device test		X
Restart test		X
Output overvoltage test		X
Periodic output voltage variation test		X
Frequency variation test		X
Radiofrequency interference and conducted noise tests		X
Harmonic components test		X
Earth fault test		X
On-site ventilation test		X
Environmental tests		X
Vibration and shock tests		X
Audible noise test		X
Standby generator compatibility test		X