

Specification for two tier UPS solution for Single Molecule Lab

1. Centralized 6 KVA/ 6 KW Online UPS with about 20 minutes back-up on full load with internal Galvanic Isolation. The System should be able to isolate the critical loads from all the possible fluctuations of incoming supply (Neutral to Earth voltage). The UPS should come with 5 years comprehensive warranty.
2. A 3 KVA UPS with internal 6 to 8 minutes back-up which will provide second tier of protection to the most critical instruments in the Lab. This UPS shall get power from 6 KVA UPS and only in the case of 6 KVA being under maintenance; this UPS will ensure power availability to the critical load.
3. The vendor has to do four separate/independent chemical grounding / Earthing for the UPS and other laboratory equipments. The vendor should provide all materials to build the earthing and also to bring the connections to the laboratory. Vendor is also requested to visit the site before quoting. The cost should be included in the quote.
4. Vendor should also include the cost for internal electrical wiring modification / isolation and Independent Earthing.