

Data Centers Require an Uninterrupted Flow of High Quality Power to Support 24/365 Operations.



The IEM Power Systems™ RBT™ delivers continuous, high quality power to your data center allowing you to sustain uninterrupted data flows, regardless of problems occurring on the power grid, whilst maintaining power to support systems including cooling, comms, safety and security.

For over 25 years, our simple rotary machine has earned a reputation for reliability and low total cost of ownership and provides efficient, power protection in a wide range of applications including data centres, banks, airports, factories, hospitals, major research projects and secure government facilities.

Full systems integration is provided by IEM Power Systems. We deliver to your site an optimally designed and built UPS system that has been fully tested in the configuration specified by your design. This ensures that the Energy Storage Unit, Switchgear and Back-up Power Supply (usually Diesel Engine Genset), are a single unified system and operate in harmony. Additionally, as we provide integration services, costs and risks are reduced. With IEMPS integrating all the elements of the UPS system, you can be assured that, should an issue arise, we will take full responsibility and resolve it.

The IEMPS RBT, is flexible and the range of modules sizes can be utilized in various configurations to match your exact requirements. It is scalable and modular so that your UPS system will readily grow to match your future power needs.

Power conditioning is provided by the RBT. The RBT automatically 'cleans' your electrical power, removing voltage irregularities that damage sensitive equipment causing downtime and asset replacement costs.



Summary of RBT benefits:

- 24/365 availability of uninterrupted electrical power with ultimate reliability
- High efficiency, ease of maintenance and Low Capex all contribute to a low TCO
- Simple, robust and dependable system design and ease of maintenance means high reliability and very low cost service solutions
- Modular, scalable and flexible, RBT supports your facility's current design and future growth
- Small footprint vs. static systems means more revenue earning white space
- Fully integrated systems including diesel engine generators to provide security of sustained power supply in a 'turn-key' package. Factory system testing reduces risk and our integrated approach means no multiple vendors to manage and just one number to call should issues arise
- High levels of efficiency (96%+) reduce the facility's OPEX and its impact on the environment
- Automatic power quality regulation removes voltage irregularities and protects your assets including motors, pumps, PCB's, CRAC units and server racks. Improving power quality minimizes downtime and reduces asset replacement / maintenance costs



As a data center professional you know that it is essential to assure your users of 100% server availability at all times. The IEM Power Systems RBT provides you with total power protection for your data center facility, minimizing risk, maximizing uptime and creating a stable power infrastructure that meets your exacting needs and supports the mission of those depending on your facility.