

Adding New Energy to Healthcare

NEW ENERGY
TO POWER



At a Glance

A prominent hospital headquartered in Chennai, sought a dependable power backup solution to ensure uninterrupted operations for their critical equipment. Numeric collaborated closely with the team of the hospital, PMC & and their electrical consultant right from the initial design phase to tailoring a solution to align precisely with the hospital's requirements.

Our Solution

Our approach to providing reliable power backup solutions offered a multitude of advantages, including space optimization, cost-effectiveness, and energy efficiency. The solution comprised four UPS units:

- 250 KVA **Keor Mod DPA Modular UPS** with N+X redundancy for their IT & Lab Infrastructure
- 60 KVA **Keor T EVO UPS** for critical operation theatres
- **HPi 33 UPS** 30 KVA and 10 KVA respectively for their lighting loads

The Challenge

Before settling on our **Modular UPS solution**, the hospital diligently evaluated various other power backup solutions. Our team, supported by exhaustive research and assessment, recommended a high frequency, decentralized parallel architecture type modular UPS of 250 kVA. This ensured scalability, redundancy, and hot-swappability for better CAPEX and TCO compared to the initially requested 300 kVA UPS. Our modular UPS solution could be effortlessly expanded to meet the hospital's growing power demands with a built-in redundancy feature, ensuring continuous power supply even in the event of power module failures.

Our commitment to collaborate closely with the customer to comprehend their specific needs and suggest the right solution played a pivotal role in securing the project.

Achievement

Our solution was chosen due to its scalability, redundancy, and energy efficiency. Numeric successfully delivered four UPS units to the hospital in Chennai, fully satisfying the customer's requirements while adhering to the project's timeline and budget. The collective efforts of Numeric, our business partner, and the end customer resulted in a successful collaboration that provided a tailored solution for the critical healthcare segment.