

About us

Nengfu Electrical is a company specializing in providing efficient and reliable electrical system solutions and engineering services. We seize opportunities in the development of new power systems and drives digital transformation across the energy sector.

PROJECT BACKGROUND

We proudly supplied a total of 584 high-performance AC power distribution cabinets for the Phase I development of Malaysia's first fully prefabricated modular data center. These specialized power management units were designed to deliver reliable and efficient electrical distribution throughout the facility.

The innovative data center, strategically located in the growing technology hub of Johor Sedanak Tech Park, represents a significant advancement in Malaysia's digital infrastructure.



NENGFU'S CONTRIBUTIONS

Built with customized Schneider Electric components, our cabinets deliver stable, intelligent, and efficient power to all server racks. Featuring modular high-strength enclosures, optimized cable pathways, and symmetrical airflow design, they seamlessly integrate with the facility's cooling system for enhanced reliability.

Each cabinet supports real-time monitoring of input/output parameters—including power, voltage, current, harmonics, and breaker status—through an intuitive HMI and intelligent communication modules, ensuring smooth operation and centralized system control.

This landmark project sets a new standard for smart, scalable, and sustainable data center infrastructure in Southeast Asia.

