

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

The AEON BLEU project is located in Davao City, Philippines, and includes three towers (Tower 1, 2, and 3) along with ancillary facilities. The core of the project involves the design and implementation of the electrical system, including the supply and installation of low-voltage switchgears, panelboards, cable trays, and other equipment to ensure safe and efficient power distribution throughout the complex.



NENGFU'S CONTRIBUTIONS

Key Electrical Products Supplied

- Cable Trays: Various specifications (e.g., 1000mm x 150mm, 500mm x 150mm) with a total length of 113 meters, used for connections between synchronizing panels and generator sets.
- Low-Voltage Switchgears (LVSG): Include main circuit breakers (3000AT/3000AF) and branch breakers (1600AT, 1200AT, etc.), compliant with NEMA-1 standards.
- Panelboards:
 - - Residential unit panelboards (DP-T1/2/3-RESI): Main breakers (1600AT) with branch breakers (300AT), surface-mounted.
 - - Basement panelboards (PP-T1-B1, etc.): Main breakers (300AT) with branch breakers (50AT-100AT), supporting diverse load requirements.
- Enclosed Switches & Circuit Breakers (ECB): Dedicated breakers for pumps, elevators, air conditioning, etc., ranging from 20AT to 150AT, meeting NEMA 1/3R/4x protection standards.
- Residential Unit Distribution Boards: Standard configurations with main breakers (60AT-100AT) and branch breakers (20AT-30AT), catering to different unit types.
- Technical Standards

All equipment complies with NEMA, UL, NEC/PEC standards, ensuring safety and reliability. The project is ISO 9001 certified, utilizing factory-assembled components to guarantee installation efficiency and quality.

This is a comprehensive electrical infrastructure solution, covering power distribution needs from main supply to end-user connections.