

Hydropower Turbine Generator Sets

These complete hydropower turbine generator sets are engineered for efficient power generation. They include turbine runners such as Pelton, Francis, and Kaplan, accommodating various head and flow conditions.



Overview

Hydropower Generation Solutions

These hydropower turbine generator sets provide a comprehensive solution for renewable energy projects. The system integrates advanced hydraulic equipment with sophisticated control mechanisms, including brushless excitation and automatic control systems, to ensure efficient power generation. Designed for versatility, the equipment accommodates various turbine types suitable for diverse head and flow conditions.

Excitation Systems

Excitation Components

- SCR magnetic devices
- DC excitation system
- AC exciter
- Brushless excitation system

System Integration

Control & Hydraulic Equipment

Hydraulic equipment, Control equipment, Automatic control systems

Turbine Types

Available Turbine Runners

Pelton • Francis • Kaplan