

Hydro Francis Turbine Generator Set

This hydro Francis turbine efficiently converts water resources into electricity. The system is designed for stable installation and effective power generation in small to medium-scale hydroelectric plants.



Overview

Francis Turbine Generator Set

The Francis turbine, also known as a mixed-flow turbine, is the most widely utilized model for hydroelectric power generation. Designed for versatility, these units operate effectively across a broad range of water heads from 20m to 400m, with power capacities scaling from dozens of kilowatts to several hundred thousand kilowatts. This robust generator set is engineered for reliable conversion of hydraulic energy into electrical power, making it an ideal solution for small to medium-scale hydroelectric power plants.

Technical Specifications

Installation Orientation

Vertical

Turbine Model Code	HLD294-LJ-340
Runner Diameter	340 cm
Operating Head Range	20m - 400m
Casing Material	Metal spiral case

Design Features

Typical Application

- Small-scale hydroelectric plants
- Medium-scale hydroelectric plants
- High water head applications
- Medium water head applications
- Low water head applications

Turbine Classification	Francis Turbine, Mixed-flow Turbine
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