

Hydroelectric Pelton Turbine Generator

This hydroelectric Pelton turbine generator converts water power into electricity. It is suitable for power engineering projects requiring efficient and reliable energy conversion.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Hydroelectric Solutions

This hydroelectric turbine generator is engineered for reliable energy conversion in micro to medium-scale hydropower plants. Designed for durability and performance, these units offer a long operational lifespan and are suitable for a wide range of water head conditions. The system supports comprehensive turnkey solutions, ensuring seamless integration from water intake to power transmission.

Technical Specifications

Output Voltage Options

- 400V
- 3.3kV
- 6.3kV
- 10.5kV
- 13.8kV

Power Output Range	50 kW - 200 MW
Frequency	50Hz, 60Hz
Output Type	AC Three Phase

Performance Data

Working Water Head by Turbine Type

Turbine Type	Water Head Range
Francis	20 - 500 m
Pelton	40 - 1700 m
Kaplan	2 - 70 m
Tubular	1 - 40 m
Turgo	40 - 250 m

Reliability & Warranty

Expected Lifespan

30 years

Min Lifespan

50 years

Max Lifespan

Warranty Period

1 year (or more)