

Hydropower Pelton Turbine Generator Set

This turbine generator set is designed for hydropower plants. It efficiently converts the energy of flowing water into electricity, providing a sustainable power source.



ADDITIONAL IMAGES



Overview

High-Efficiency Hydropower Generation

This Pelton turbine generator set is engineered for high-efficiency energy conversion in hydropower plants, offering a robust lifespan of 20 to 40 years. Designed as a comprehensive package solution, the system supports various project requirements from site investigation to final electrical output. It provides a reliable, sustainable power source suitable for diverse environmental conditions and global infrastructure needs.

Technical Specifications

Power Range

50 kW

Minimum Power

200 MW

Maximum Power

Frequency

50Hz • 60Hz

Output Voltage

400V, 3.3KV, 6.3KV, 10.5KV, 13.8KV

Output Type

AC three phase

Operational Parameters

Working Water Head by Turbine Type

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

Service & Durability

Expected Lifespan	30~50 years
Warranty Period	1 year (or more)