

# Micro Hydro Turbine Generator

This micro hydro turbine generator converts the energy of flowing water into electricity. It provides a sustainable power solution for remote communities and small industries.



## ADDITIONAL IMAGES



## Overview

### Micro Hydro Turbine Generator Solutions

This micro hydro turbine generator system is engineered to provide a reliable and sustainable power solution for diverse environments. Designed for long-term operation with a lifespan of 20 to 40 years, these systems offer a robust package solution for hydropower stations, ranging from water intake to transmission. The equipment is highly customizable to meet specific site requirements and capacity needs.

## Technical Specifications

|                        |                                    |
|------------------------|------------------------------------|
| Power Output Range     | 50kW - 200MW                       |
| Frequency              | 50Hz or 60Hz                       |
| Output Type            | AC Three Phase                     |
| Output Voltage Options | 400V, 3.3KV, 6.3KV, 10.5KV, 13.8KV |

## Turbine Performance

### Turbine Working Water Head

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

## Durability & Service

|                   |                  |
|-------------------|------------------|
| Expected Lifespan | 40 years         |
| Warranty Period   | 1 year (or more) |