

## Hydro Power Generator for Renewable Energy Bamboo Chemical Laboratory Ltd.

## Horizontal axis-PELTON TYPE HYDROPOWER GENERATOR

A compact hydro power generator that uses the head and flow of river water.

It is an environmentally friendly device that can continuously generate power if there is a water source day and night. Electricity can be easily generated, and it is economical in proportion to cost.

## Features

- (1) Large head with low flow rate
- (2) The device is compact and highly efficient
- (3) Easy handling and maintenance
- (4) Inexpensive

## Specification

- (1) Power generation capacity: 3kW(Maximum.)
- (2) Type of generator: Horizontal axis Pelton
- (3) Outer diameter of turbine:  $\phi$  500mm
- (4) Generator: 5.5kW

  Permanent magnet synchronous generator
- (5) Number of nozzle x size:  $3(standard) \times \Phi 12-17mm(selected)$
- (6) Generating voltage: AC200V, 50/60Hz
- (7) Equipment dimensions: W670xD750xH830mm, Weight: 130kg
- (8) Control box: W1000×D400×H1800mm

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