



MHP MODEL

MHP Model is smaller version of simulator. It generate DC output for LED lighting only. It is not provide with instrument and measurement devices. The small and compact model make it easy and suitable for exhibition purposes and demonstration.



MAIN SPECIFICATION OF MHP MODEL :

1. Turbine : Crossflow dia. 50 mm, bo 30 mm
2. Generator : DC 12V, ±10 Watt
3. Pump : 350 Watt , 1Phase

SIMULATOR PLTMH

MHP Simulator is a mobile demonstration unit with AC output (220V). Its demonstrate the working principles and complete system of a MHP. Provided with variable speed drive to simulate flow and head variation, integrated with flow and pressure measurement and electric meter to measure most of the system parameter.



MAIN SPECIFICATION OF MHP SIMULATOR :

1. Turbine : Crossflow dia. 75 mm, bo 30 mm
2. Generator : Permanent Magnet 500 Watt
3. Pump : Centrifugal pump, 3Phase, 1,5kW
4. Speed drive : VSD 2HP, 230V,50 Hz
5. Charge control : SS PWM 40A
6. Battery : VRLA 12V 80Ah
7. Inverter : Pure Sine Wave, 500 Watt



SIMULATOR AND MODEL MICRO HYDRO POWER PLANT

Simulator or model of MHP is used to introduce the principal operation of small hydro power. It can be used for educational, training, demonstration unit or exhibition. It is simple and easy to understand for student or persons with limited technical background.



SIMULATOR AND MODEL MICRO HYDRO POWER PLANT



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