

3.6V Micro hydro generator

From Wiki 来自痴汉的爱

Contents

- 1 Introduction
 - 1.1 Pressure and Flow diagram
 - 1.2 Flow and Output voltage Diagram
- 2 Specification
- 3 Mechanic Dimensions
- 4 Usage
 - 4.1 Hardware Installation
- 5 Support
- 6 Version Tracker

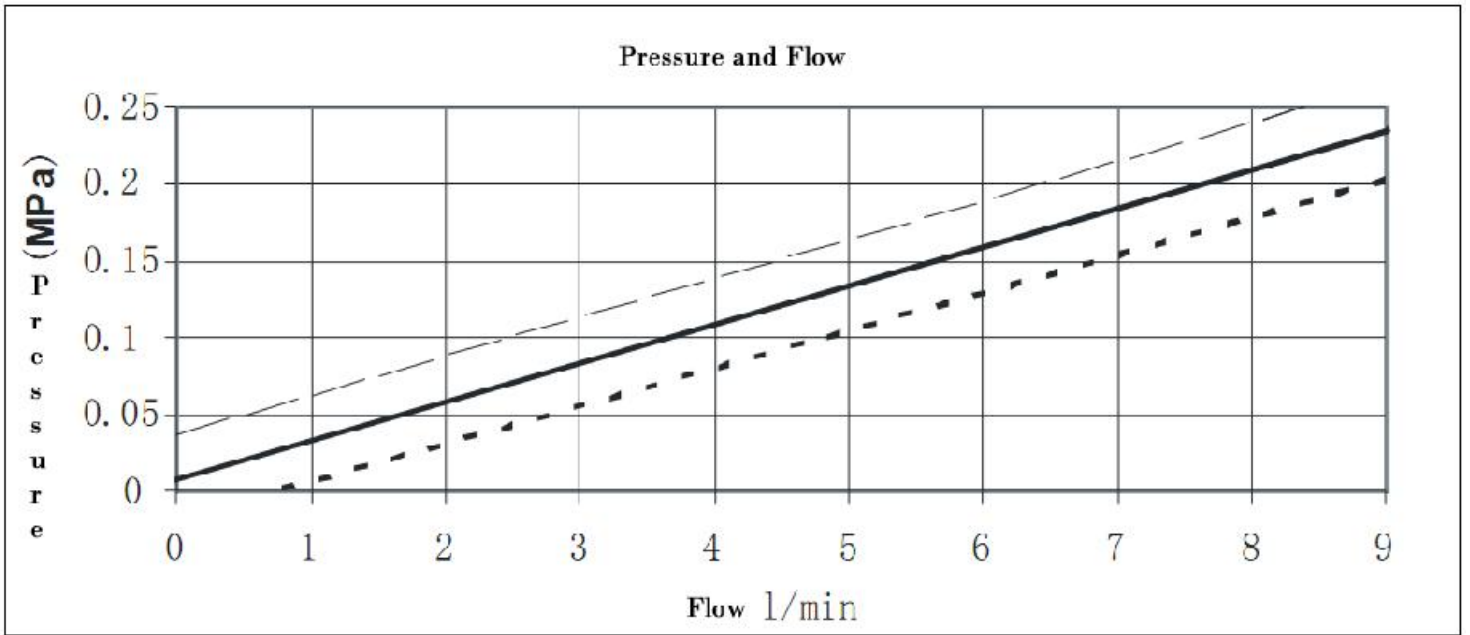
Introduction

Micro hydro power is clean, renewable energy. Here is a G 1/2 micro hydro generator which can supply stably output voltage and output current with the help of one voltage stabilizing circuit and one rechargeable battery. We can install it at home to save household energy, like using spray shower to light LEDs etc.

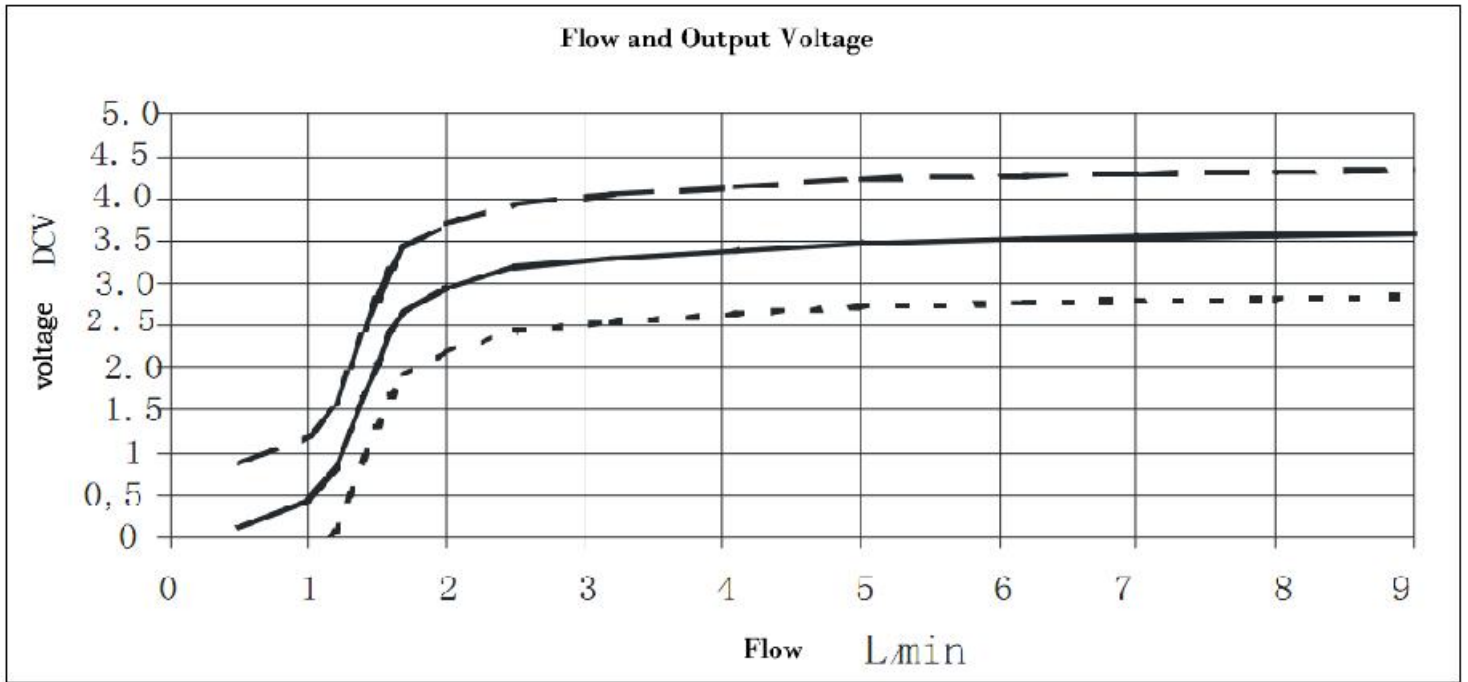
Model: POW109D3B (<http://www.seeedstudio.com/depot/36v-micro-hydro-generator-p-634.html?cPath=155>)



Pressure and Flow diagram



Flow and Output voltage Diagram

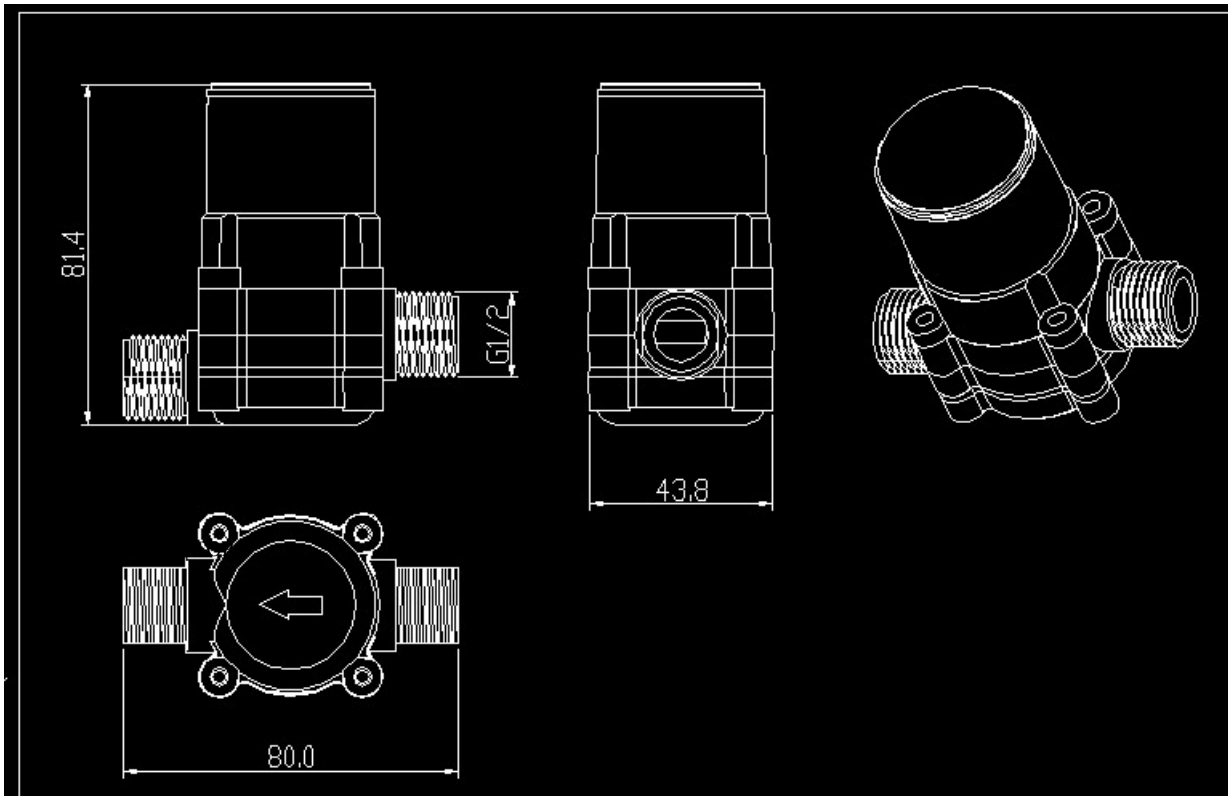


Note: This module has added one voltage stabilizing circuit and one rechargeable battery, output voltage is stably 3.6v and output current is stably 300mA. Flow and Output voltage Diagram

Specification

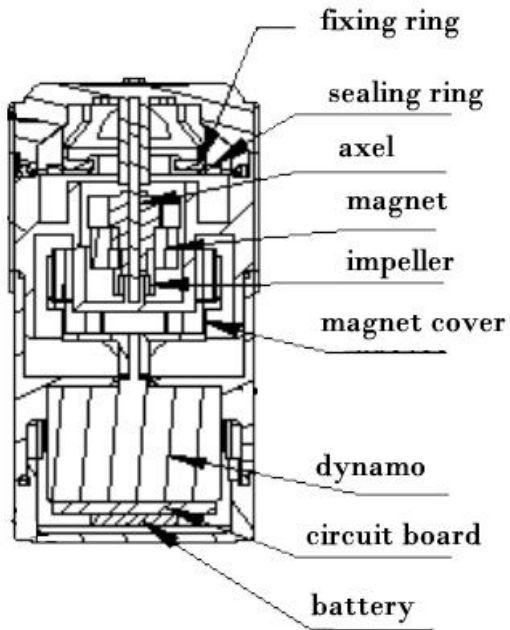
Weight	165 g
Output voltage	3.6V
Battery Capacity	300mA
Maximum working pressure	1.75 MPa
Working pressure	0~1.75MPa
Working temperature	0~110°C
Maximum	30mins at 110 °C
Recommend flow rate range	1.5~20 l/min(Pressure 0.05-0.2mpa)
Installation Method	direction of arrow
Material	nylon/glass fiber,Polyformaldehyde
Size of the input and output openings	0.8inch

Mechanic Dimensions



Usage

Hardware Installation



Support

Ask questions on Sseed Forum (<http://www.seeedstudio.com/forum>)

Version Tracker

Revision	Descriptions	Release
v0.9b	Initial public release	May 27, 2010

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