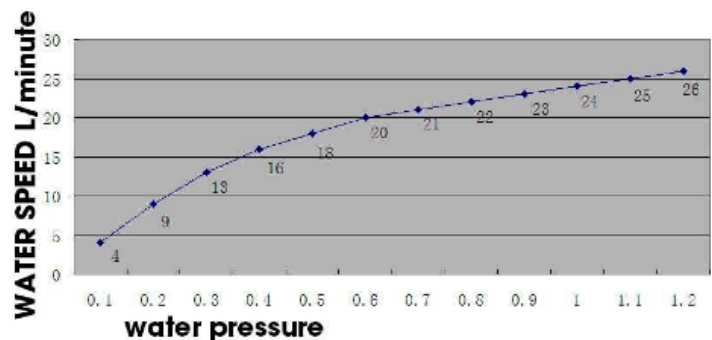
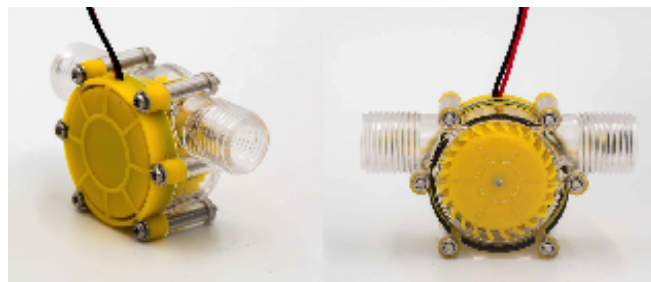
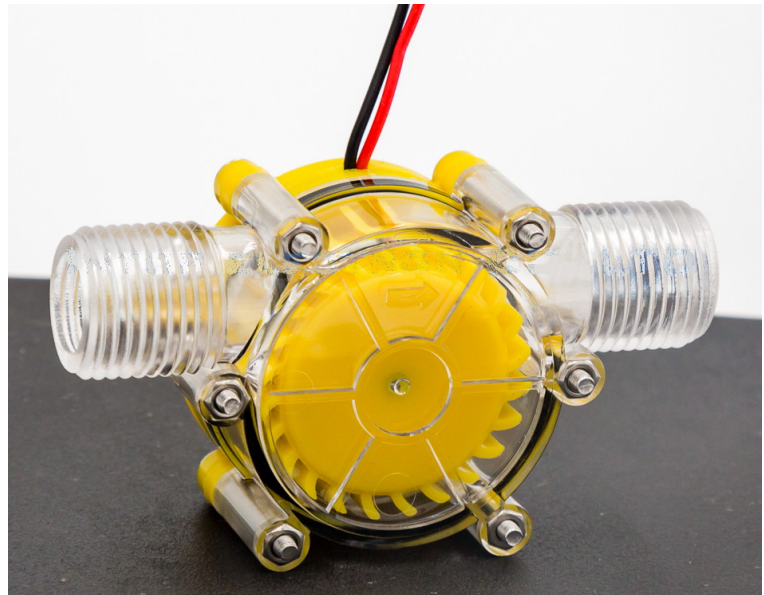


Micro Turbine MT 10W is a really small water turbine designed to make smaller amounts of power from small creeks where it is possible to get 10-20 meters of water pressure. This is a very low cost device that can replace small solar panels but give power day + night so even tiny 10W is then a bit of energy.

It is connected to a 1/2 Inch plastic tube placed upstream so the height to turbine preferable is over 10 meter. The water flow then makes the turbine unit to rotate and gives power the the small generator inside the housing.

The turbine can charge a battery and over the day you get up to 240 WH of energy that is very useful. You can charge the mobile phones and have some lamps in a house.

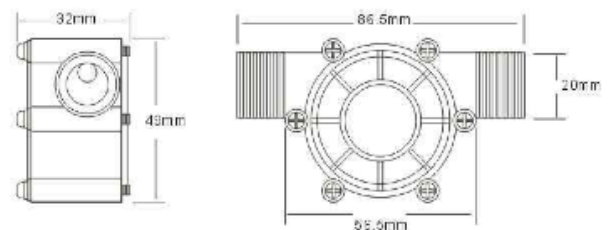
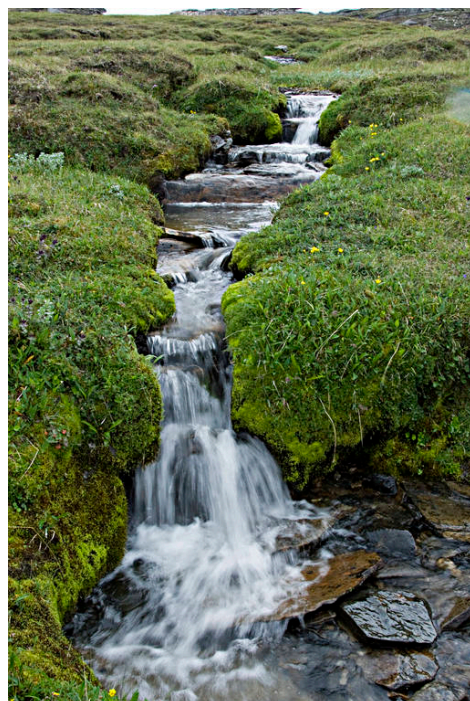
The price level makes it affordable for many people with low incomes and can open the door for a bit better life.



MT10W is a low cost device and it is far less solar panels in cost. It however needs a long 1/2 Inch / 15 mm diameter plastic tube of simple model.

Installation is just to ut the tube in let upstreams under water surface so you ger 10-20 meters water head and see that you get a water flow. Then turbine starts up and makes power.

Applications are energy in rural areas with no infrastructure where money is the problem. I t can also be used by hikers camping in mountains etc.



**Technical condition:**

- Output high voltage: 80V (1.2Mpa)
- The maximum output :more than 220mA (12V)
- Line resistance :10.5 + 0.5
- Insulation resistance: 10M (DC100)
- The outlet closed the maximum voltage: 0.6Mpa
- The water outlet open the maximum voltage : 1.2Mpa
- Start water pressure :0.05Mpa
- Size:8.8x5.8x3.9cm(L X W X H)

**Features:**

- Appearance: generator surface cleaning, no corrosion, the structure is strong.
- The mechanical noise: less than 55dB
- Generator single volume: 90g
- The life of generator:more than 3000h
- Output characteristics: the output voltage with no voltage regulator is proportional to the water pressure.