

DESIGN AND FABRICATION OF POWER PRODUCING GENERATOR

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ABSTRACT

More than 90% world's power is being generated using electromagnets based on the faraday's law of electro-magnetic induction. Many new technologies were discovered with time which led a drastic change in the perception of electric energy.

But at the same time there is misconception of FREE ENERGY. Energy becomes free only at a point after which we don't have to pay for power generation after commissioning the unit. By using the Dynamo and motor continuous motion (Energy) is generated.

Keywords- Electromagnetic Induction, free energy generator, Dynamo engine

PRINCIPLE

Electromagnets based on the faraday's law of electro-magnetic induction. Hence the concept of using DYNAMO and motor in generation of electricity has been around us from long time. For Many years simple dynamo to produce electric Power .

It states that “when a motor is rotated in a magnetic field, a voltage is induced in the Motor ” So here we will be Dynamo Engine free energy generator is an easy device to the power generation .

I.INTRODUCTION

A simple dc motor/generator consists of a rotor & a stator. The stator of the machine does not move & normally is the outer frame of the machine; the rotor is free to move & normally is the inner part of the machine. Both of them are usually made up of ferromagnetic materials. Slots are cut on the inner periphery of the stator & the outer periphery of the rotor. Conductors are placed in these slots of the stator or rotor. These are interconnected to form round windings. The winding in which voltage is induced is called armature windings & which current is passed field winding. Permanent magnets are used in some machines to provide the main flux of the machine. the internal windings of the dc fan which is behaving as a generator (here). The windings inserted & rotated to produce the electric power. Now as the shaft rotates in between the windings, it cuts the flux created by the windings & a small amount of voltage is produced in the conductor (shaft) collected by the wires coming out of the fan.the required force to move the motor. This concept of generating magnetic field from the permanent magnets became practical only after introducing Neodymium magnets which are much power full than the previous Ferrite magnets. The main advantage is that it does not require continuous electric supply.

II.EXPERIMENTS AND DISCUSSION

Construction:

The basic model (prototype) of the free energy generator consists of the following components:

1. Electric motor (6v)
2. Dynamo (34v)
3. Aluminum shaft connector
4. Two Battery (6v and 4.5 amps)
5. Wood base
6. Small battery (4v)
7. Switch box

A simple dc motor and DC Dynamo consist of placed in opposite direction both center locating at same position and The motor and Dynamo pulleys are connected with shaft (or) belt drive To supply input power 4amps and 6v on the motor the motor produced 7.5 kg cm torque in 400 rpm the torque supply to Dynamo At the same speed they produced 6amps and 32v the power converted By using output power supply to the motor Remaining for the external purpose then continues process for power generation

III. WORKING

A simple viper motor and DC Dynamo consist of placed in opposite direction both center locating at same position and The motor and Dynamo pulleys are connected with shaft (or) belt drive To supply input power 4amps and 6v on the motor the motor produced 7.5 kg cm torque in 400 rpm the torque supply to Dynamo At the same speed they produced 3amps and 32v the power converted By output power supply to the motor Remaining for the external purpose then continues process for power generation Now we need to rotate the shaft of the generator to produce power, for that we are using Neodymium magnets which are placed on the fins of the fan as shown. These disc shaped magnets are placed in such a way that all the north poles or south poles are facing one direction i.e., inwards or outwards. This design may prove to be a pioneer in the field of research of free energy. Now it is possible to get free electricity from stuffs from our home. This concept of free energy is can be made using magnets & simple motors. This knowhow using magnets has been with us ever since we started generating electricity using conventional sources of energy. These magnets facing upward produce a magnetic field. After this a larger sized magnet is faced these disc This magnet also produces a magnetic field, the internal windings of the dc motor which is behaving as a generator (here). The windings are coiled around a cavity in which the shaft is inserted & rotated to produce the electric power.

MOTOR DETAILS

- Certification: CE,CCC
- Commutation: Brush
- Usage: Car, Fan, Electric Bicycle, Home Appliance, Boat
- Construction: Permanent Magnet
- Protect Feature: Drip-proof
- Efficiency: IE 2
- Output Power: 1W
- Torque: 250 150 110 80 55 50 25 15 13 8 N*cm
- Model Number: GW370
- Type: Gear Motor
- Continuous Current(A): 0.10 0.15 0.30 0.20 0.30 A
- Usage: widely used in machine, DIY
- Loading Speed: 0.45 1.6 3.8 7 10 18 34 50 60 92 RPM
- Rating Torque: 250 150 110 80 55 50 25 15 13 8 N*cm
- Dimension: 82*32*27 mm
- Shaft Diameter: 6 mm
- Net Weight: 0.18 Kg
- Box Materials: Zinc alloy, zincification

- Gear Materials: Metal
- Worm Wheel Materials: POM
- Worm Materials: Cu(Cuprum)
- Speed(RPM): 0.6 2 5 8 13 24 45 65 80 120 rpm (No Load) Plea



DC DYNAMO
Overview

Quick Details

Place of Origin:	Zhejiang, China (Mainland)
Brand Name:	QUIETFLO
Model Number:	LC-ZYT-103B
Usage:	Automated office equipment, Water pumps
Certification:	CE, ROHS
Type:	Micro Motor , DC Motor
Torque:	0.6-0.76 N.m
Construction:	Permanent Magnet
Commutation:	Brush
Protect Feature:	Waterproof
Speed(RPM)	280-340RPM
Continuous Current(A):	1.9-3.3A
Output Power:	150-250W
Voltage(V):	24V/30V
Efficiency:	IE 2

Weight (KG): 3.86KG
 Motor size: 103*160
 Diameter of shaft: 8MM

Applications:

The free energy generator finds a no. of applications in the real world. Many such applications are listed below:

1. With 2 wheeler (bike, cycles)

The free energy generator can be fitted on the sides of a 2 wheeler in such a way that as the vehicle moves the fan start rotating and produces free energy.

2. With 4 wheeler (car)

In the same manner the fan can also be fitted on the 4 wheeler and produce free energy.

3. Fitted at the ends of chimneys

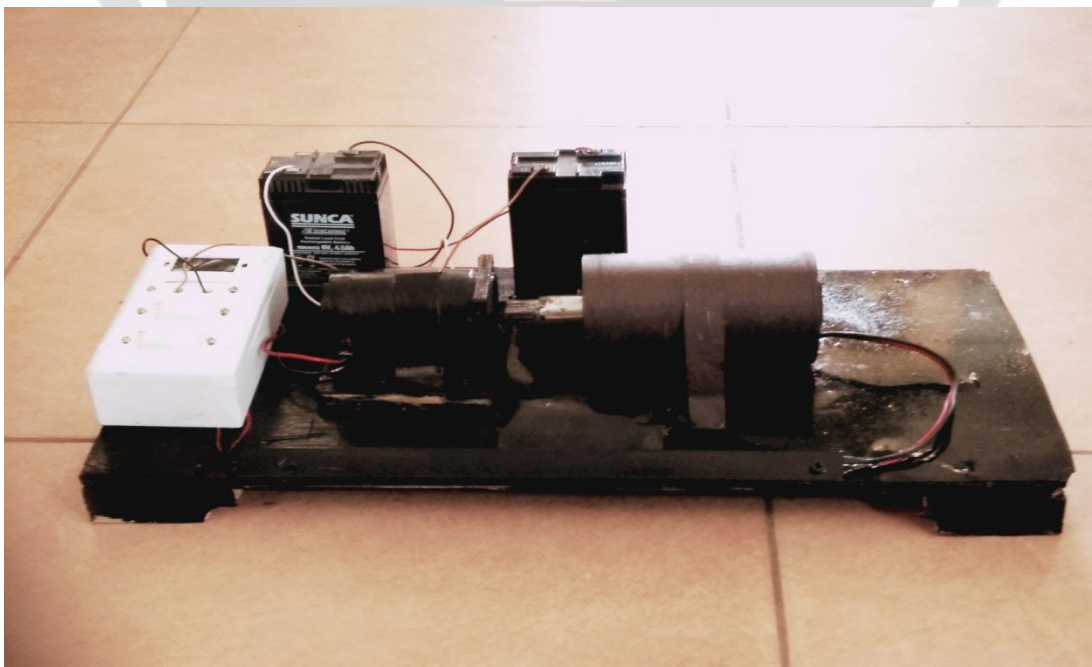
The free energy generator can be fitted at the end of chimneys of house or small industries in such a way the exhaust gases rotate the shaft of the fan & produces small amounts of free energy.

4. For Charging Batteries

This free Energy can be used to charge small Li-Ion batteries of high voltage & low current, which are used for other applications.

5. For bulbs

The Free energy generator can be used to power up led's & bulbs on vehicles.
 There are many applications of the free energy generator which are yet to discover.



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