1. **New words:**

propulsion - силовая установка

combustion – сгорание

household appliances - бытовая техника

Conversely – Наоборот

Alternating Current - Переменный ток

Direct Current - Постоянный ток

designations – обозначения

indicative – ориентировочный

circuit – схема

armature – арматура

1. **Questions:**
2. What does motor power begin with?
3. Does an electromagnet controlled by electricity?

3. Can the generators run in two modes or in one?

4. Generators produce power, dont they?

5. What always spins the same way?

6. How many basic types of motors are designed to operate on polyphase alternating current, synchronous motors and induction motors?

7. They are usually made only in small sizes and are commonly used in household appliances, don't they?

8. What is the AC type?

9. What voltage is often used in alternators?

10. At what angle should the armature windings be set so that the current is generated as a triple wave?

**3) Summary:**

The text is about AC motors and generators.

The author of the text describes principles of operation of two basic types of motors and AC generators.

The text states that the simplest of all electric motors is the squirrel-cage type of induction motor used with a three-phase supply.

The next point deals with alternating current that the simple generator without a commutator produces and that is advantageous for electric power transmission.