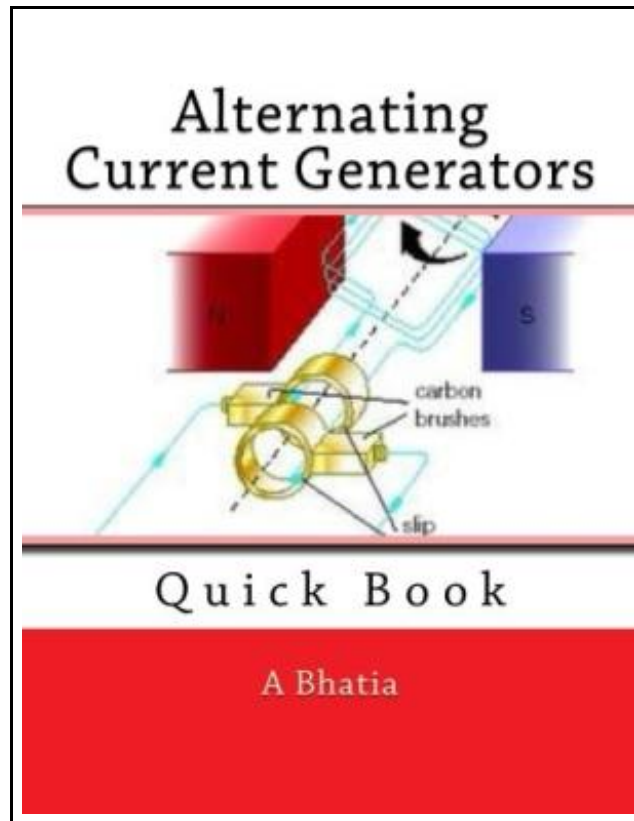


## Alternating Current Generators: Quick Book



Filesize: 9.45 MB

### ***Reviews***

*It is simple in study safer to understand. It can be full of knowledge and wisdom Your way of life span is going to be enhance when you full looking at this book.*  
**(Lavina Torp)**

## ALTERNATING CURRENT GENERATORS: QUICK BOOK

[DOWNLOAD](#)

To download **Alternating Current Generators: Quick Book** PDF, please access the hyperlink below and save the file or gain access to additional information which might be relevant to ALTERNATING CURRENT GENERATORS: QUICK BOOK ebook.

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.An alternating current generator, or AC generator, produces an alternating current, which means the voltage produced alternately reverses from positive to negative polarity, producing a corresponding change in the direction of current flow. Much like a DC generator, an AC generator requires a coil to cut across the force lines of a magnetic field. This coil is attached to two slip rings, which deliver the current to and from the load destination, thus completing the circuit. Alternating current generators are often called Alternators. The magnitude of AC voltage generated by an AC generator is dependent on (1) The strength of the magnetic field (number of lines of force) (2) The speed at which the loop rotates (3) The number of loops of wire that cut the magnetic field. A rotation speed of 3000 revolutions per minute(RPM) produces 50 Hz, and 3600 RPM produce 60 Hz. The electric current in North American homes has a frequency of 60 hertz while in Europe it is 50 Hz. An alternating current motor, or AC motor uses electrical energy to produce motion and torque. Very simple AC motors are called Squirrel cage motors ; these have only one or more stationary coils within which a special kind of mechanical rotor is free to rotate. There is no electrical connection to the rotor from the outside. Most AC motors require a starter, or method of limiting the inrush current to a reasonable level. Types of motor starting include reactive (capacitor start and inductive start), and electronic (frequency drives and soft start drives).The reactive start method is usually used on fractional horsepower motors, and the electronic method is usually reserved for larger motors. This...

[Read Alternating Current Generators: Quick Book Online](#)[Download PDF Alternating Current Generators: Quick Book](#)

## Other Kindle Books



---

**[PDF] Skills for Preschool Teachers, Enhanced Pearson eText - Access Card**

Follow the link under to read "Skills for Preschool Teachers, Enhanced Pearson eText - Access Card" PDF document.

[Save Document »](#)



---

**[PDF] Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book**

Follow the link under to read "Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book" PDF document.

[Save Document »](#)



---

**[PDF] Twitter Marketing Workbook: How to Market Your Business on Twitter**

Follow the link under to read "Twitter Marketing Workbook: How to Market Your Business on Twitter" PDF document.

[Save Document »](#)



---

**[PDF] Odes Funebres, S.112: Study Score**

Follow the link under to read "Odes Funebres, S.112: Study Score" PDF document.

[Save Document »](#)



---

**[PDF] From Out the Vasty Deep**

Follow the link under to read "From Out the Vasty Deep" PDF document.

[Save Document »](#)



---

**[PDF] Halloween Stories: Spooky Short Stories for Children**

Follow the link under to read "Halloween Stories: Spooky Short Stories for Children" PDF document.

[Save Document »](#)