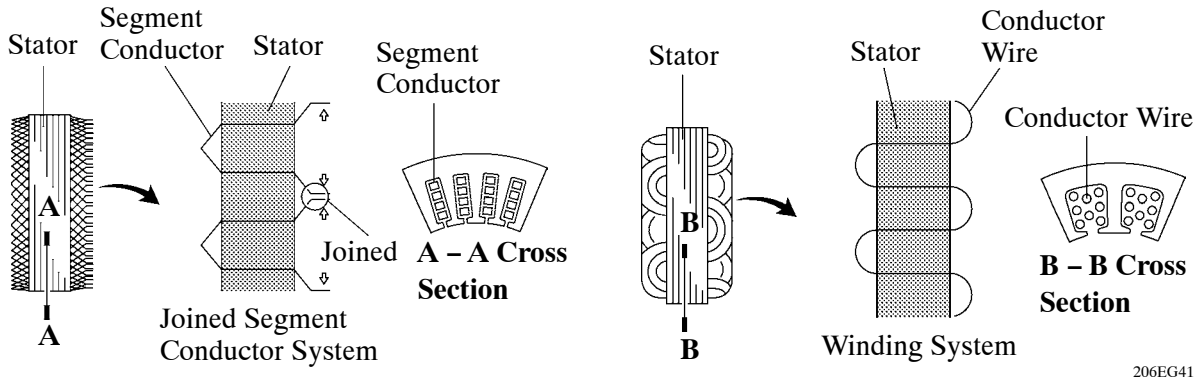
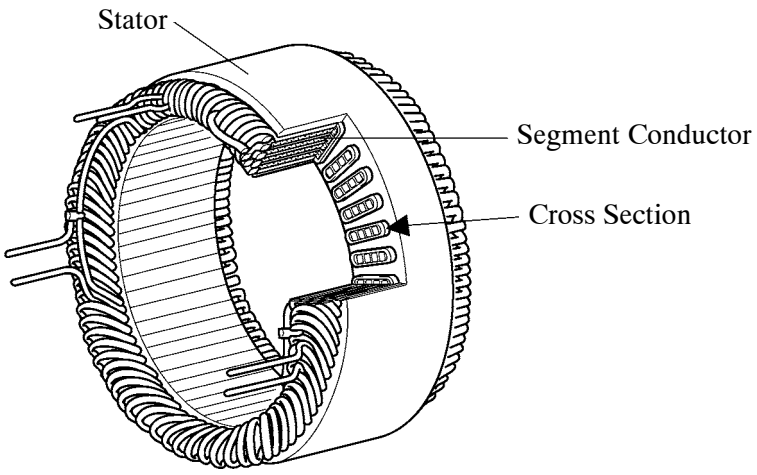
■CHARGING SYSTEM

1. Segment Conductor Type Alternator

- Instead of the conventional type alternator, a compact and lightweight segment conductor type alternator is used. This type of alternator generates a high amperage output in a highly efficient manner.
- This alternator has a joined segment conductor system in which multiple segment conductors are welded together to form the stator. Compared to the conventional winding system, the electrical resistance is reduced due to the shape of the segment conductors, and their arrangement helps to make the alternator compact.



Segment Conductor Type Alternator **Conventional Type Alternator**

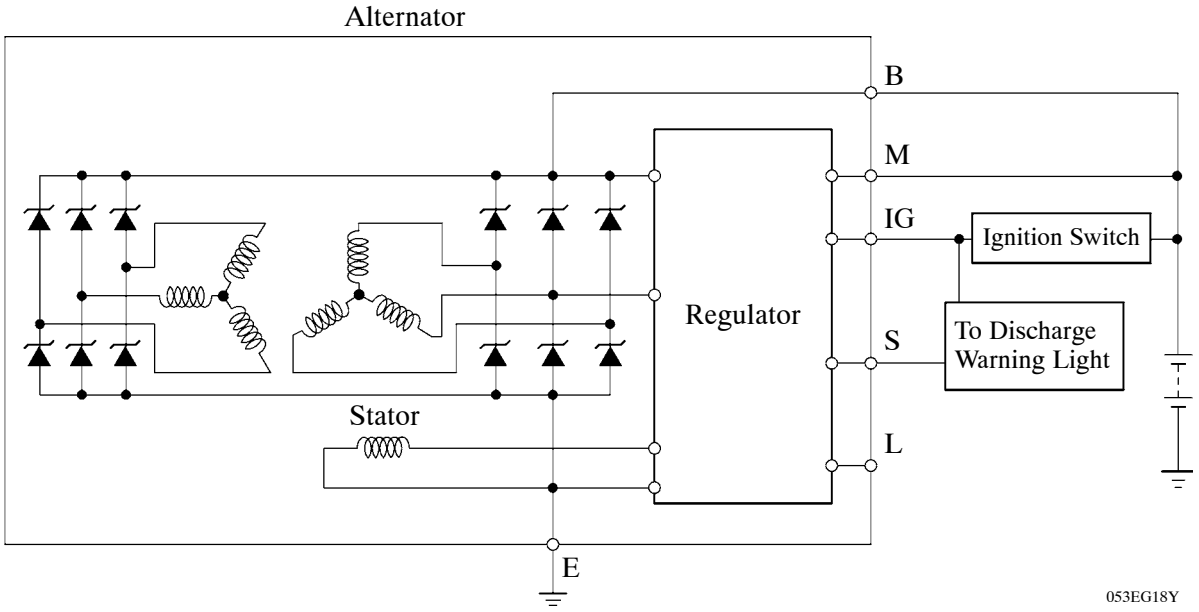


Stator of Segment Conductor Type Alternator 206EG42

▶ Specification ◀

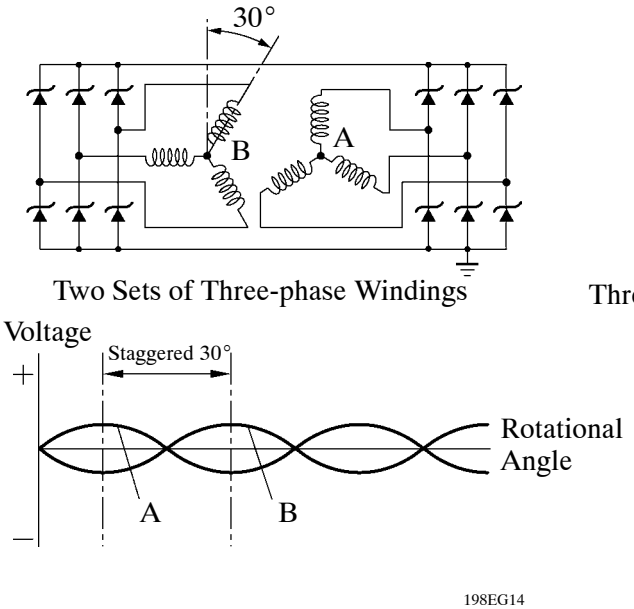
Type	SC1
Rated Voltage	12 V
Rated Output	130 A
Initial Output Stating Speed	Max. 1,500 rpm

▶ Wiring Diagram ◀

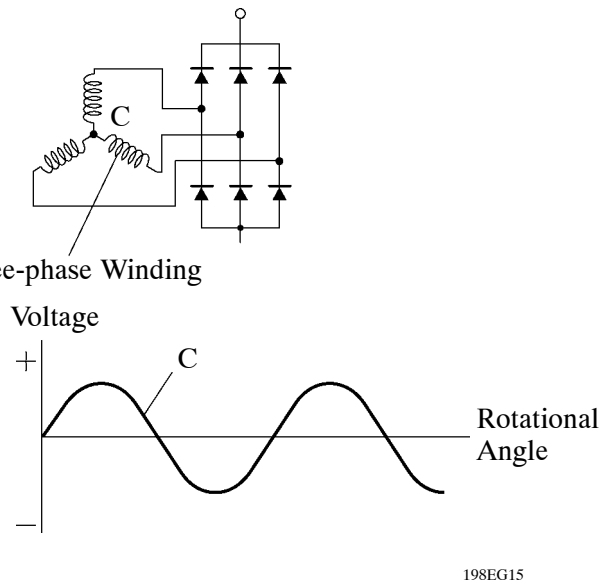


2. Dual Winding System

This type alternator uses a dual winding system. This system consists of two sets of three-phase windings whose phases are staggered 30°. Because the magnetic fluctuations of the respective windings cancel each other out, magnetic noise and radio frequency interference are reduced.



Dual Winding System Type Alternator



Conventional Type Alternator