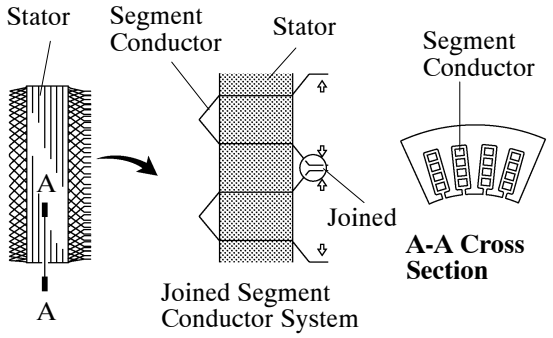
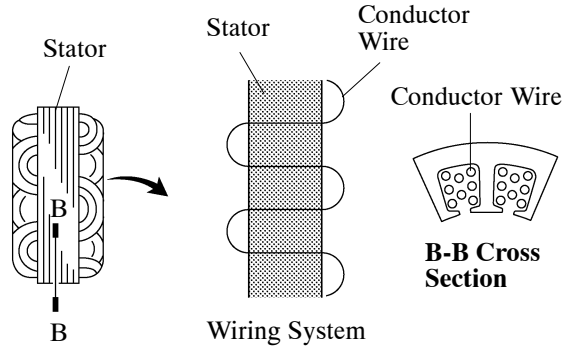
■CHARGING SYSTEM

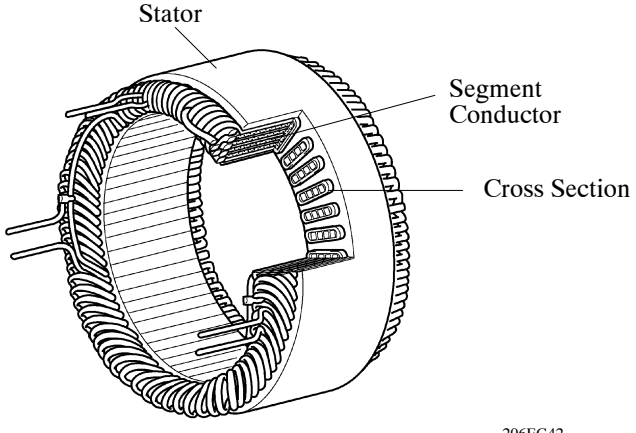
- A compact and lightweight segment conductor type alternator that generates high amperage output in a highly efficient manner is used.
- This alternator has a joined segment conductor system, in which multiple segment conductors are welded together to form the stator. Compared to the conventional winding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



Segment Conductor Type Alternator



Conventional Type Alternator

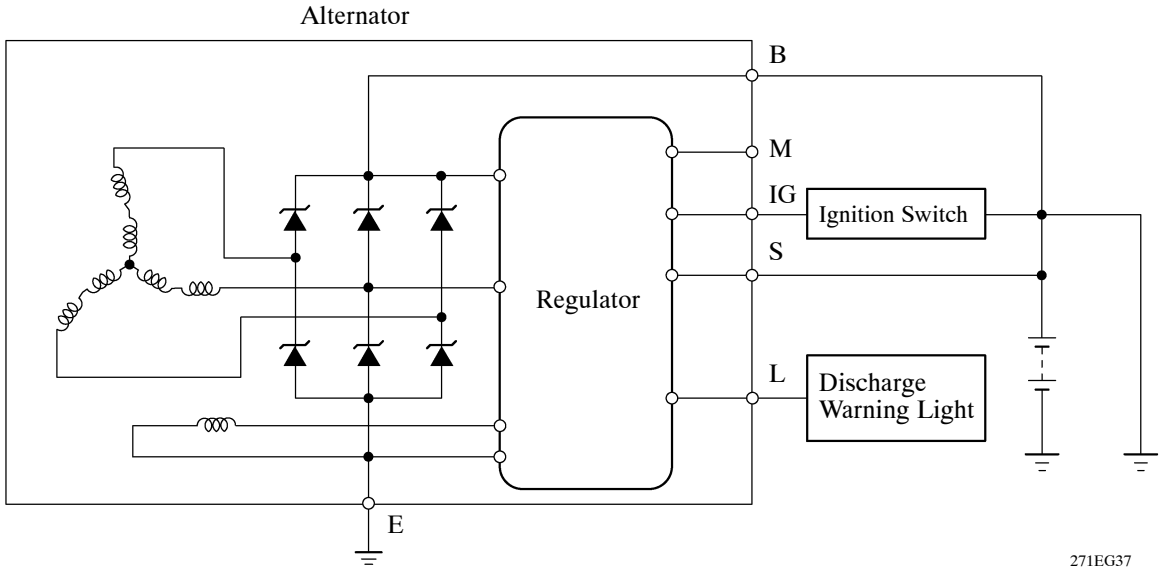


Stator of Segment Conductor Type Alternator

▶ Specifications ◀

Type	SE08
Rated Voltage	12 V
Rated Output	80 A
Initial Output Starting Speed	1250 rpm Max.

▶ Wiring Diagram ◀



■STARTING SYSTEM

1. General

- A compact and lightweight PS (Planetary reduction-Segment conductor motor) type starter is used.
- Conventional planetary reduction type starter is used.
- A planetary reduction type starter with an interpolar magnet is used. The structure of the interpolar magnet is the same as that of the interpolar magnet used in the PS type starter described above.

▶ Specifications ◀

Starter Type	PS 1.6*3	DW 1.7*4	RA 1.4*5
	PS Type	Planetary Reduction Type with Interpolar Magnet	Planetary Reduction Type
Supplier	DENSO	BOSCH	DENSO
Rating Output	1.6 kW	1.7 kW	1.4 kW
Rating Voltage	12 V	←	←
Length*1	129 mm (5.1 in.)	153 mm (6.0 in.)	132 mm (5.2 in.)
Weight	2800 g (6.2 lb)	3300 g (7.3 lb)	3650 g (8.0 lb)
Rotating of Direction*2	Clockwise	←	←

*1: Length from mounted area to rear end of the starter
*2: Viewed from pinion side
*3: Models for Thailand, Indonesia, Philippines, Malaysia and Vietnam
*4: Models for South Africa, Central and South America and Brazil
*5: Models for G.C.C. Countries