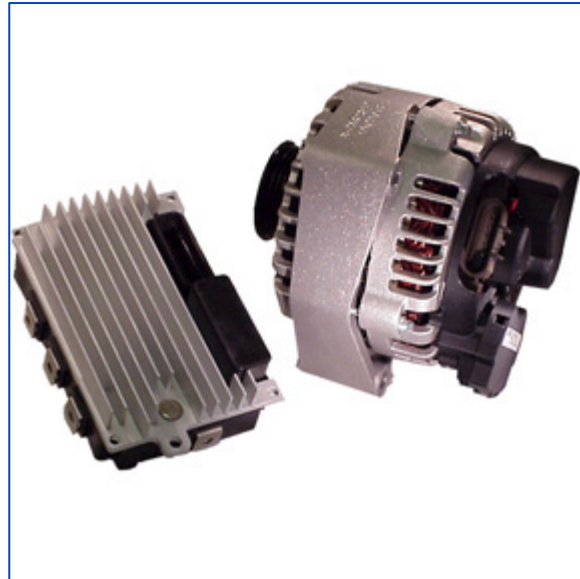


Delphi 14-Volt Stop-Start Systems

▶ Description

Delphi's 14-volt stop-start system for hybrid and electric vehicles combines the alternator and starter motor into a single unit. Resulting in notable consumer and environmental benefits including cleaner air and reduced fuel consumption, a quieter ride, the stop-start system turns the engine off at idle and promptly restarts the engine via the accessory belt when the driver is ready to proceed.



14-Volt Stop-Start Systems

▶ Minimum Order Quantity

- 5000

▶ Benefits

- Reduced fuel consumption
- Reduced engine emissions
- Less passenger compartment noise
- Quiet engine starts resulting from belt driven machine
- Easily integrated into existing powertrains
- Enhanced battery life
- Applicable to cars, light-duty trucks, multipurpose vehicles

▶ Features

- Microprocessor with FET power control electronics
- Specialized fans and castings that help reduce mechanical noise and improve cooling efficiency
- High- temperature bearing systems for enhanced reliability
- Centralized load dump protection for power electronics protection
- Optional hybrid rotor design with permanent magnets
- Optional liquid cooling for stator and electronics, helping reduce noise and improve durability at high operating temperatures
- High power at low engine rpm increasing battery charge and extending battery life