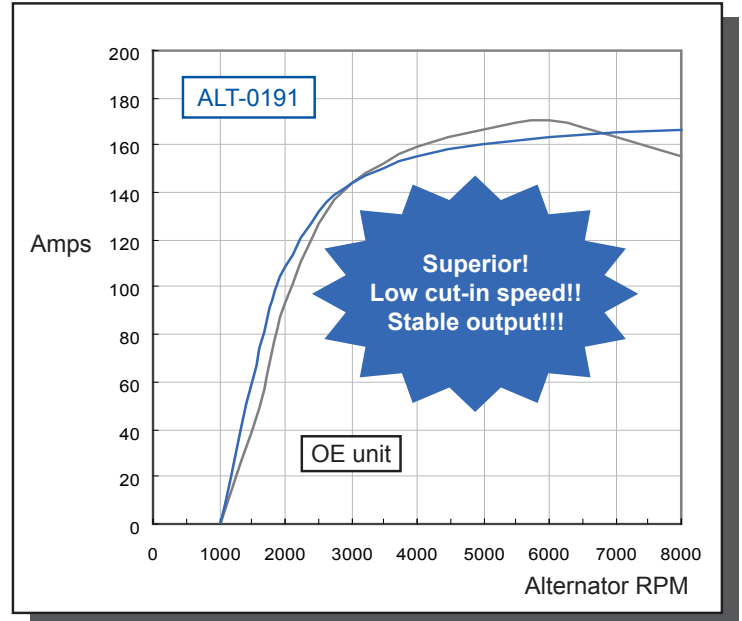


# ALT-0191 Performance Comparison

## Batteryless Application

### Specifications

- Voltage : 24V
- Operating temperature range: - 40°C - 100°C
- Max. output current (hot): 150A
- Rotation: clockwise (viewing from drive end)
- OEM NO. : 8SC3110VC
- Applications : Thermo King, Songz Auto Air Conditioning, Higer King Long FD46TA/Nissan FD46, Xiamen King Long Motor, Xiamen Golden Dragon Bus, Foton-AUV Bus, Yu-Chai YC6112ZLQ, Yutong



### Features and Benefits

- The operating temperature is up to 100°C, and exceeds OE specification (only 85°C).
- The output voltage oscillation is more stable than that of the OE product. It is more friendly to the other electrical devices in the vehicle
- While the bus A/C system is fully turned on, the output voltage and current exceed OE performance.
- Unipoint designs the special regulator for the batteryless alternator application.
- It is able to supply the electricity to the air-con system as applied in a twin alternator application. The protection capacitor box must be installed together.
- The electricity cuts in as low as 1200rpm while the cut-in speed of OE unit is 1600rpm.
- The sealed brush construction is able to prevent dust and sand effectively from the environment.
- The long life sealed bearing is able to serve in the long-time, long- distance, and heavy-duty application.
- The stator and rotor are designated for high insulation and temperature endurance.
- It passes the vibration test and is able to be installed in the critical environment.
- It is exactly interchangeable with OE alternator.



Supplier to these OE companies:



#### UNIPOINT ELECTRIC MFG. CO., LTD.

○ 8F, #105, SEC2, TUN-HWA S. ROAD, TAIPEI, TAIWAN  
 T +886-2-27052658 F +886-2-27030188  
 E unipoint@unipoint.com.tw  
 F #31, LANE 659, PING-TUNG ROAD, PING-CHEN CITY, TAOYUAN HSIEN, TAIWAN  
 F #8, FU-PING CHUNG ROAD, PING-TI VILLAGE, LONG-GAN COUNTY, SHEN ZHEN, GUANG DONG, CHINA  
 www.unipoint.com.tw

#### UNIPOINT EUROPE LTD.

○ 10 REVEL GARTH, DENBY DALE, HUDDERSFIELD, W. YORKSHIRE HD8 8TG, UNITED KINGDOM  
 T +44-1484-866839 F +44-1484-864508  
 E info@unipoint.co.uk  
 www.unipoint.co.uk

#### UNIPOINT NORTH AMERICA

○ 8139 ELDER CREEK ROAD SACRAMENTO, CA USA, 95824  
 T +1-916-8898295 F +1-916-8898294  
 E info@unipointusa.com  
 www.unipointusa.com