

### The Genuine Advantage

# **EDGE**SHEET

# Thermo King Alternators

#### Standard Life Plus Alternators



#### **Benefits include:**

- Warranty Coverage Protection you can count on with regionwide Dealer Warranty Protection (1 year parts warranty).
- High-End Components Shares all critical components with the Thermo King Original Equipment alternator used in production units.
- Proven Reliability Completely new Thermo King Standard Life Plus alternators are engineered by Thermo King and extensively tested for optimum performance and reliability under extreme conditions.
- Best Value Thermo King Standard Life Plus alternators are brand new for increased life over remanufactured products.

#### Thermo King Edge: Superior Brush Design

# Brush Length 16 15.5 15 14.5 14 13.5 13 12.5 TK Competitor 1 Competitor 2

- Thermo King alternator brushes were the longest of any tested with a 15.4 mm length.
- Thermo King alternator brushes are pre-worn to allow for a smooth fit with the slip ring, which results in consistent wear of the brushes and maximum life.
- Thermo King alternators use bronze brushes and slip rings for increased life.

Superior Brush Design = Longer Life = Reduced Maintenance Costs

#### Thermo King Edge: Robust Painting and Varnishing Process





Thermo King alternators operate in diesel environments and the paint and varnish processes are critical to ensure the alternators have a long life. All critical components are painted and varnished to reduce the risk of corrosion and electrical shorting.

All new Thermo King alternators go through a rigorous 700-hr. salt spray test to ensure long life in demanding applications.

Robust Painting Process = Reduced Risk of Failures = Increased Unit Uptime

#### Thermo King Edge: Unique Regulator Design





Thermo King alternators utilise a proprietary temperature compensated regulator designed specifically for our units.

The regulators are completely sealed to prevent against moisture ingress and corrosion and also utilise an integrated capacitor.

Most competitive regulators use an external capacitor which is another potential failure point. Thermo King Premium alternators also use a regulator design that will work with all older units, regardless of software version.

# Compare for yourself the Genuine Advantage

Alternators are critical to the function of your refrigeration unit. An over-the road alternator failure costs €550 on average and often requires the replacement of the battery as well. Be sure you have an OEM tested and approved alternator on your unit!

#### Also Available:

#### Original Equipment Alternators



#### **Benefits include:**

- Industry Leading Warranty Protection you can count on with regionwide dealer warranty protection (1 year parts warranty).
- **High-End Components** Thermo King alternators use stainless steel hardware as well as superior varnish and paint to perform better in corrosive environments.
- Increased Lifespan Thermo King alternators use high quality bearings and a proprietary regulator design to increase the life and performance of the alternator.
- Proven Reliability Thermo King alternators are engineered by Thermo King and extensively tested for optimum performance and reliability under extreme conditions.

#### Thermo King Alternator Range

Choose the alternator that best suits your needs!



## Standard Life Plus Thermo King Alternators

- Completely new alternators deliver reliable performance you can count on.
- Fully backwards-compatible for all applicable Thermo King units.
- 1 year parts warranty.



# Original Equipment Thermo King Alternators

- Delivers the same performance and life as factory-new Thermo King components.
- Maximum corrosion resistance with epoxy powder coat paint and stainless steel hardware.
- 1 year parts warranty.



