

GLOBAL VEHICLE MOTOR

PARKER VS. OTHER LEADING BRANDS

Parker's Global Vehicle Motor (GVM) is an electric motor designed for use in electric and hybrid, heavy on-highway and off-highway vehicles.

EFFICIENCY

is the motor's capability to produce useful mechanical power efficiently. A more efficient motor reduces the cost to operate, runs cooler, and is better for the environment.

UP TO
2% MORE EFFICIENT THAN
COMPETITIVE MOTORS

GVM applications have reduced emissions by over 20,000 tons of CO₂



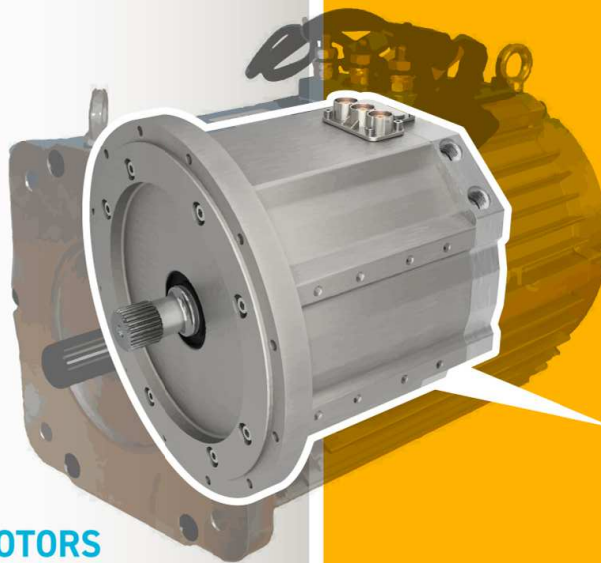
Parker's higher efficiency
GVM means a **cost reduction**
of the vehicle battery or
longer range between charges.



POWER DENSITY

refers to the amount of power produced relative to the physical size of the motor.

FROM
40%
TO
100%
MORE PEAK POWER
THAN COMPETITIVE MOTORS



The high power density of the GVM saves on installation cost when compared to oil cooled motors.

Enhanced power density with up to
200%
smaller footprint



DURABILITY/RELIABILITY

are characteristics of the GVM that make it suitable for rough environments.

THAT'S **5400** TIMES
AROUND THE WORLD!



QUICK FACT:

Over 135 million road miles have been logged by Parker GVM motors since 2012.

Test standards meet
SAE J1455
for Dust, Sand, Gravel
Bombardment,
Humidity, Salt Spray
and Immersion,
Operating Temps
from -40° to 120°C,
Crash Shock,
and Vibration



ENGINEERING YOUR SUCCESS.