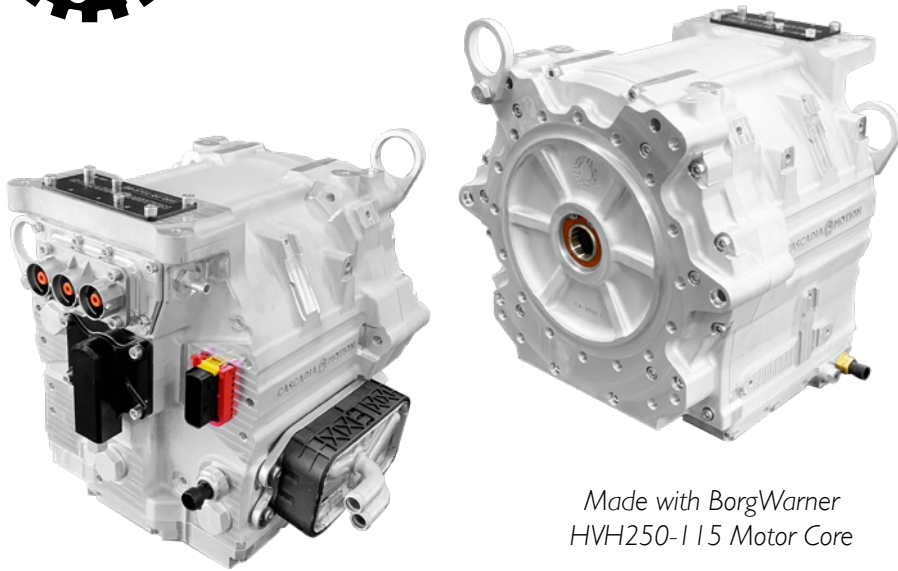


SS-250 GEN2 SINGLE STACK MOTOR



Made with BorgWarner HVH250-115 Motor Core

The SS-250-115 is a powerful, durable and rugged electric motor / generator with integral sump, mechanical oil pump and heat exchanger for use in on- and off-road highway vehicles, power generation and other special high power applications.

The SS-250 is currently available with a 115mm stack length. This mighty yet small workhorse develops up to 500 Nm and 375 kW [500hp].

FEATURES

- Peak torque 500Nm
- Peak speed 12kRPM
- Peak power 375kW @ 700Vdc
- Mass 57kg
- Peak efficiencies > 95%
- DC bus voltage up to 850V
- Includes oil pump, sump & integral oil to water heat exchanger
- Oil aux (external) connection points provided but not required
- Typical oil temperature of up to 90°C
- Typical oil flow rate 8 to 15 LPM
- Rated peak operating time 30 sec
- Motor rotational inertia 0.085 kg-m²

