

# SPECIFICATIONS

## POWERMOTION PRO

- Nominal Input Voltage: 48Vdc
- Input Voltage Range: 32 – 55Vdc
- Motor Base Speed: 3500 RPM
- Max Speed: 5000 RPM
- Peak Power Output: 27 kW
- Continuous Power Output: 15 kW @ 65 °C
- Peak Torque: 350Nm
- Max Phase Current: 300 Arms
- Motor Efficiency: 95% @ 3500 RPM
- Weight: 39.9kg



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## **POWERMOTION L7 SERIES**

### **INTEGRATED DRIVETRAINS**

#### **POWERMOTION LITE**

Low-cost two-in-one drivetrain solution including integrated differential and gearbox systems for L7e-class vehicles.

#### **POWERMOTION PLUS**

High efficiency, two-in-one drivetrain solution with permanent-magnet (PM) assisted electric motor, suitable for higher torque demanding applications.

#### **POWERMOTION PRO**

Our highest performing two-in-one drivetrain system in PowerMotion L7 Series with efficiency of >95%\*.

## **SPECIFICATIONS**

#### **POWERMOTION LITE**

- Nominal Input Voltage: 48Vdc
- Input Voltage Range: 32 – 55Vdc
- Motor Base Speed: 4500 RPM
- Max Speed: 6000 RPM
- Peak Power Output: 20 kW
- Continuous Power Output: 12 kW @ 65 °C
- Peak Torque: 200Nm
- Max Phase Current: 300 Arms
- Motor Efficiency: 89% @ 4500 RPM
- Weight: 39.9kg

## **SPECIFICATIONS**

#### **POWERMOTION PLUS**

- Nominal Input Voltage: 48Vdc
- Input Voltage Range: 32 – 55Vdc
- Motor Base Speed: 4200 RPM
- Max Speed: 5000 RPM
- Peak Power Output: 25 kW
- Continuous Power Output: 15 kW @ 65 °C
- Peak Torque: 300Nm
- Max Phase Current: 300 Arms
- Motor Efficiency: 93% @ 4200 RPM
- Weight: 39.9kg