

# Electric Power Steering - EPS

EPS (Electric Power Steering) uses an intelligent electric motor to assist with steering. The EPS control unit calculates the optimal steering assistance based on real-time driving conditions, ensuring smooth and responsive vehicle handling.



- Light and responsive steering
- Compatible with steer-by-wire chassis
- Enables ADAS and Autonomous Driving
- Supports CAN/CANFD interface
- OTA upgrade capability

Our offerings				
Type	Operating Voltage	Rack Stroke	Maximum Rack Force	Steering Axle Load
C-EPS	12 VDC	-	46/54 Nm	700/850 kg
P-SBW	12 VDC	±35/±50/±58 mm	4 kN	500 kg
P-EPS	12 VDC	±76 mm	6 kN	1000 kg
DP-EPS	12 VDC	±78 mm	6 kN	1350 kg
DP-EPS	12 VDC	±79 mm	7 kN	1500 kg
DP-EPS	12 VDC	±78.5 mm	11/12 kN	1650 kg
DP-EPS	12 VDC	±67.5/±78.5 mm	12 kN	1750 kg
R-EPS	24 VDC	±137 mm	18 kN	4500 kg

For specific product details or OEM solution discussion, kindly reach out to us.

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- **High Steering Rack Force**

Maximum rack force up to 18kN.

- **Wide Application**

Both fuel vehicles and new energy vehicles can be carried. For small cars to buses & light commercial vehicles.

- **Fast matching and rapid development**

we use advanced control concepts and intelligent algorithms for broad vehicle model compatibility, enabling seamless integration and control via CAN communication and K-line protocols.