



Autonomous Electric Power Steering

EPAS700 Autonomous System

DCE is the market leader in providing Electric Power Steering, with a range of solutions available. The EPAS700 Autonomous System is available for those requiring a cost effective, basic remote steering solution.

- Used on vehicles that still utilize hydraulic power steering and require autonomous & manned control.
- Ideal for 12V DC, very low steering input load vehicles.
- MGU is fitted anywhere in line between the steering wheel and rack input pinion.
- Input shaft allows manual control as well as autonomous control.
- System can provide up to 33Nm / 24.34 ft.lbs of torque assistance.
- Built in steering angle sensor.
- CAN Bus control to command a steer to angle heading.
- User selectable baud rate.



Kit includes:

- 1x EPAS700M MGU (with angle sensor)
- 1x EPAS700E Autonomous ECU
- 1x EPAS700HS Signal Wiring Harness
- 1x EPAS700HP Power Wiring Harness
- 2x EPAS700UJ Universal Joint

Technical Specification and Contact Details overleaf

EPAS700 Autonomous System

Technical Specification

| | |
|-------------------------------|----------------------------|
| Operating Voltage | Nominal 13.8V DC |
| Maximum current draw | 40 Amps |
| System Weight (MGU & ECU) | 4.4kg / 9.70lbs |
| Maximum Torque Output | 33NM / 24.34 ft.lb. |
| No Load Rotation Speed | 730 degrees per second |
| IP Rating | IP54 |
| Operating Temperature | -40 to 85°C / -40 to 185°F |
| Motor Rated Power | 220 Watt |
| Input / Output Spline Pattern | 17mm-36 (11/16" x 36) |



Contact us for more details:

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