



EPAS500 Competition System

- 12V electric power assisted steering system.
- MGU can be fitted anywhere in line between the steering wheel and rack input pinion.
- System can provide up to 90Nm / 66 ft.lb of assistance, not including driver input.
- Complete standalone system - only requires a 12v power supply to operate.
- 5 x driver selectable steering maps via rotary switch.
- Operating parameters and steering maps can be adjusted via free software.
- Built in communication port, status LED and Anti-Vibration mounting feet.
- Simple wiring connection via 3 flying leads.
- IP66 Rated.



EPAS500 System includes:

- 1x EPAS500M MGU
- 1x EPAS500CE Competition ECU
- 1x EPAS500CH Competition Wiring Harness

Technical Specification and Contact Details overleaf

EPAS500 Competition System

Technical Specification

Operating Voltage	10-16V DC
Maximum current draw	60 Amps @ 13.8V DC
Motor Rated Power	400 Watt
No Load Rotation Speed	650 degrees per second
Maximum Torque Output	90Nm / 66ft.lb
IP Rating	IP66
Operating Temperature	-20 to 85°C / -4 to 185°F
System Weight (MGU & ECU)	7.35kg / 16.22lbs
MGU Input Spline Pattern	9/16" x 36
MGU Output Spline Pattern	21mm x 20
Speed Signal Input Available	No, Adjustment via rotary switch only

Optional Accessories

EPAS200SC	Input Straight Coupler
EPAS200UJ	Input Universal Joint
EPAS500SC	Output Straight Coupler
EPAS500UJ	Output Universal Joint
EPAS500CC	Competition Comms Cable



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