

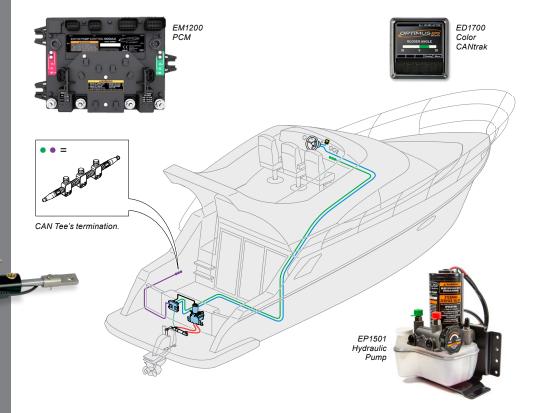
For Sterndrive Vessels 24ft to 40ft

APPLICATIONS

Electronic Power Steering (EPS) system suitable for vessels from 24 ft to 40 ft.



EH1510 Electronic Helm Front mount 3/4 taper shaft shown 5 other options available



Environmental

- Operating temperature:
 -18°C to +77°C [ISO 25197]
- Storage temperature:-40°C to +85°C [ISO 25197]
- Corrosion resistance: 300 hours salt spay [ASTM B117]
- Water ingress protection: IPX7 [IEC 60529]
- Random vibration:
 0.0284 g^2/Hz [ABYC P-27]
- Resonant vibration: 4 G zeropeak, 20-2000 Hz [ABYC P-27]
- Mechanical shock:
 50 G, 11 m-sec half-sine shape
 [ISO 25197]
- Ignition protection: SAEJ-1171
- Meets EN60945 electromagnetic compatibility requirement

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FEATURES

- · Up to two helms stations
- Automatic battery management with sensing, warnings & best battery selection
- On demand hydraulic steering pump minimizing power consumption
- · No oil at the helm
- Rugged electronics for 12 VDC applications
- Color dash display showing rudder command and rudder position graphic
- · Displays system health
- · Display provides system setup interface
- Communicates faults and any special handling instructions to the operator
- Simple software updating via USB port
- Programmable number of turns lock to lock with speed
- Auto-adjusting steering end stops and resistance with speed

- Dual redundant position sensing on all moving components
- Helm shaft: 3/4" taper
- · Utilizes fault tolerant CAN network
- Full autopilot CANbus connectivity and integration. No additional pumps or sensors required
- Adjustable max rudder hard over angle with speed range 20° to 30° Center to hard over
- Position proportional rudder gain for faster steering response near neutral rudder position
- RPM input: NMEA 2000, J1939 or analog pulse compatible
- Pump features an Integrated service/ bypass valve allows a limp home mode
- Meets or exceeds ABYC, CE, ISO and SAE electrical and environmental requirements







For Sterndrive Vessels

24ft to 40ft

STERNDRIVE COMPATIBILITY

Cylinder Compatibility Table

Volvo	
DPH Duoprop	No
DPR Duoprop	No
DPS Duoprop	Yes
DPS-A	Yes
DPS-A OXI	Yes
DPS-B	Yes
DPS-B1	Yes
DPS-M	Yes
DP-E	No
DP-G	No
DP-X	No
OCEAN X (DPS-B OXI)	Yes
XDP	Yes
XDP-B	Yes
SX	Yes
SX-A	Yes

Mercury	
BRAVO 1	Yes
BRAVO 11	Yes
BRAVO 111	Yes
ALPHA 1 GEN 1	Yes
ALPHA 1 GEN 2	Yes
BRAVO X 1	Yes
BRAVO X 11	Yes
BRAVO X 111	Yes
BRAVO X R	Yes
BRAVO X R ITS	No
BRAVO X SPORTSMAN	Yes

Yanmar		
ZT 370	Yes	
ZT 350	Yes	

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