Product Specification Sheet

Simrad AC80S Autopilot Computer

SKU: SIM-000-10188-001 Manufacturer part: 000-10188-001

Compiled by Common Ground from the supplied, source-linked Simrad research. Not a manufacturer-issued datasheet. Specifications apply only to the stated model or component.

Computer board/context
AC80S computer contains an SI80 board and an SD80 board; it is a bulkhead-mounted autopilot computer, distinct from the 80-series remotes.

Supply/CAN
12/24 V DC +30/-10%; NMEA 2000 load equivalent number 4 (50 mA); output for CAN bus supply 15 V DC +/-5%, 4 A maximum.

Environment/mechanical
-15 to +55 C operating; -30 to +70 C storage; protected IPx4; basic AC80-series computer weight listed as 4.1 kg (9 lb); compass-safe distance 1 m; bulkhead mounting.

Dimensions
AC80A/AC80S drawing: 340 mm x 320 mm x 109 mm envelope (13.38 x 12.60 x 4.29 in), with 253/250/100 mm drawing dimensions also shown.

Cable entry
AC80A/AC80S drawing/specification uses grommets: 7 for 7-10 mm cable and 4 for 10-14 mm cable.

Sources
https://cxjdfr.files.cmp.optimizely.com/download/assets/AP70-MK2_IM_EN_988-12374-005_w.pdf/73b8fb44557d11f18976fa2414ef5586

Electrical ratings and physical dimensions are not shipping-package measurements. Kit specifications may describe an included component, not the entire kit.