

PHARUS

Poseidon EPIRB w/ AIS

Pharus EPIRB *Poseidon* is an Emergency Beacon fitted with AIS Capability as well as COSPAS – SARSAT Distress and Homing Signal channels. The Beacon is designed at the cutting edge of IMO SOLAS and C/S standards.

Whenever and wherever you need emergency aid, Pharus EPIRB *Poseidon* is on your side!



Electrical Specifications

Frequency Channels	406.031 MHz – Distress Signal 121.5 MHz – Homing Signal 161.975 MHz and 162.025 MHz – AIS
Transmission Power	5 W (38 dBm EIRP) – Distress Signal 50 mW (17 dBm EIRP) – Homing Signal 1 W (30 dBm EIRP) – AIS
Transmission Duration	24 hours – Distress Signal 50 hours – Homing Signal 50 hours – AIS
GPS Receiver?	Yes, multi-constellation receiver with anti-jamming and GPS spoofing detection features
AIS Feature?	Yes
RLS Feature?	No
Battery	LiFeS ₂ battery configuration
Battery Lifecycle	10-years (<i>Batteries shall be replaced in the case of activation</i>)
Temperature	Operation: -20 to 55 °C Storage: -55 to 85 °C <i>Class-II Emergency Beacon</i>

Mechanical Specifications and Endurance

Weight	780 g (<i>without hydrostatic release coverage</i>)
Dimensions	Beacon without Antenna: 29 x 10.8 x 11 cm Beacon with Antenna: 37 x 10.8 x 11 cm
Waterproofness?	Yes, 10 m for 10 minutes
Icing Endurance?	Yes
Buoyancy?	Yes
Float Free?	Yes, Category – I EPIRB with hydrostatic release coverage

Required Certifications & Approvals

Cospas-Sarsat	C/S T.001 Type Approval Certificate (<i>Pending</i>)
IMO SOLAS	MED /5.6 – EU (2023) /1667 (<i>Pending</i>) <ul style="list-style-type: none"> SOLAS 74 Reg. IV/14, IV/7 and Reg. X/3 IMO Res. MSC.36(63)-14, Res. MSC.97(73)-14, Res. A.662(16), Res.A(694)-17, Res.A(696)-17, MSC.36(63)-14, MSC.97(73)-13, MSC.471(101), COMSAR/Circ.32 ITU-R M.633-4 (12/10), ITU-R M.690-3 (03/15) Module B + D

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