



SARBE 6-406G Evo

Personal Locator Beacon

Although primarily used by Pilots and Aircrew, Personal Locator Beacons are also used widely within maritime and land environments giving personnel the ability to send a distress alert from anywhere on the earth's surface.

SARBE: Innovation since 1944
Orolia's SARBE brand has been at the forefront of innovation in life saving Locator Beacons and critical communications for more than 70 years. Its products are in Tri-Force use on every continent.



The Sarbe 6-406G Evo is a significant advancement in Personal Locator Beacon technology by ensuring that alerts contain accurate and location information. The correct authority is quickly informed by the distress alert and can subsequently inform the rescue teams.

Technical Specifications

Power Output

COSPAS-SARSAT	406 MHz	5 watts
Homing signal	121.5 MHz	100 mW
Homing signal	243 MHz	100 mW

Modulation

406 MHz	IAW Cospas-Sarsat T.001/T.007
121.5 MHz/243 MHz	Swept tone range 1600 Hz to 300 Hz Sweep rate 2-3 Hz AM Swept tone modulation > 85%

GPS

50 channel C/A code, 1.575 GHz providing WGS coordinates

Power

Endurance	Greater than 24hrs @ -20 °C
Battery type	Lithium Manganese Dioxide
Storage life	Five years

Size

Dimensions	H154 mm x W79 mm x D42 mm
Weight	583 g including battery and Tx Antenna

Temperature

Operating	-20 °C to +55 °C
Storage	-55 °C to +70 °C

Part Numbers

SARBE part numbers	101275-2
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Key features

- Cospas-Sarsat approved
- 406 MHz global alerting
- 121.5 MHz and 243 MHz local homing
- Automatic and manual operation
- Activation Rotary Control switch, 'G'-Switch, Salt water
- Integrated GPS
- Waterproof to 10 m
- Two way speech

