





VHF Survival Radio Meets All IMO Requirements



- Certified by China Classification Society
- -Float Function



## G500 GMDSS Survival Radio

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### Primary Rechargeable Emergency Li-Ion Battery

The G500 Series GMDSS portables come standard with a single Li-Ion battery.A 4-year warranty ensures that you'll have a full charge when you need to use the OCEAN ONE's primary emergency battery.

# SPECIFICATIONS

#### General Specification

TX: 156.025-157.425MHz Frequency Range RX: 156.050-163.275MHz

Type of Emission FM (16K0G3E)

Frequency Stability ± 10PPM

Lithium Battery 1200mAh (DC 9V) Operating Temperature Range -20°C~+60°C

Antenna Impedance

Dimensions  $(H \times W \times D)$ 146×63×48mm

Weight 283g

## Transmitter Specification

Output Power 3W / 1W Maximum Frequency Deviation ± 5kHz Spurious Emissions 0.25uW Adjacent Channel Power ≥70dB Audio Harmonic Distortion ≤10%

Current Drain ≤1.5A(High power)

≤0.7A(Low power) ≤0.2A(Max power)

#### Receiver Specifications

Receiver Sensitivity ≤0.22µV@12dB SINAD

Squelch Sensitivity ≤0.22µV **HUM and Noise** ≥40dB Adjacent Channel Selectivity ≥70dB Spurious Response ≥70dB Intermodulation Rejection ≥68dB Audio Output Power ≥0.5W(10%)



The construction of this product adheres to the most up-to-date and rigorous standards set by IMO, GMDSS, and ETSI.

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