



# Emergency Position Position Indicating Radio Beacon ( EPIRB )

Model **VEP8**



## Product overview

EPIRB is the necessary device for global search and rescue in distress, which can transmit distress signal of 406MHz and pilot signal of 121.5MHz. As a product that passes certifications of COSPAS, CCS (approval from China Classification Society) and ZY (Register of Fishing Vessel of the People's Republic of China), VEP8 can meet the requirements of IMO/IEC and COSPAS-SARSAT. VEP8 has the advantages of simple operation and easy maintenance.

## Function

VEP8 can be activated automatically or manually when ships in distress. Then the emergency signal of 406MHz for help will be transmitted and forwarded to the search and rescue center by satellite. The search and rescue center will carry out the emergency rescue plan according to the received signal.

## Feature

- Low maintenance cost for battery and hydrostatic releaser.
- Low stray, low harmonic, low power-consumption and long time for stand-by and working.
- Double protection systems for mis-sending with more safety.
- Easy to be found because of eight highlight LED lamps.
- Ten types of messages with fault diagnosis and overall check for EPIRB.



CCS Certificate No. SH22PTB00109

## Specifications

**121.5MHz (Guiding rescue team for searching)**

Output frequency : 121.5MHz  $\pm$  3kHz

Output power : 50mW ( 17dBm )

**406 MHz SATELITE SIGNAL TRANSMITTER**

Frequency : 406MHz+1kHz

Output power : 5W (37dBm)  $\pm$  2dB

**Built-in GPS system**

Modular positioning accuracy : 2.5m

Receiver type : 50 Channels

**Operating temperature** : -20 $^{\circ}$ C ~ +55 $^{\circ}$ C

**Battery** : >400 hours at +20 $^{\circ}$ C

**Operating time** : Lithium, 5 years warranty