

MARINE COMMUNICATION AND NAVIGATION EQUIPMENT

ISO9001 Supplier

Class Certificate

Export Supply

AIS-SART Transponder

AIS-SART Transponder (1).Product Overview: AIS Search and rescue transponder based-on AIS technology, modular design, low power consumption, small size, light weight,High reliability, is a new gen...



Key Highlights

Category Marine Communication And Navigation Equipment

Standard EN

Weight / Size AIS Search and rescue transponder based-on AIS technology, modular design...

Certificate CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Communication And Navigation Equipment	Model / SKU	AIS-SART-Transponder
Standard	EN	Weight / Size	AIS Search and rescue transponder based-on AIS technology, modular design, low power consumption, small size, light weight,High reliability, is a new generation of marine safety and rescue equipment.
Certificate	CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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AIS-SART Transponder

(1).

Product Overview:

AIS Search and rescue transponder based-on AIS technology, modular design, low power consumption, small size,

light weight, High reliability, is a new generation of marine safety and rescue equipment.

China Classification Society CCS (certificate number: FZ12T00007)

Register of fishing vessel of P.R.C. (certificate number: C00001300008).

(2).

Function and take advantage :

When vessel distress occur, AIS-SART transponder sends the location information to other ship which equipped with AIS equipment , save crew life in distress, thereby greatly enhancing the chances of survival.

Technical feature :

Utilized GMSK modulation, embedded processing platform, time division multiple access technology.

Technical Specifications:

Operating frequency: 161.975 MHz, 162.025 MHz

Frequency tolerance: $\pm 0.5\text{KHz}$

Transmit power: $\geq 31.5\text{dBm}$

Modulation spectrum:

Deviation from the carrier center frequency $\pm 10\text{ kHz}$ modulation sidebands with $\leq -20\text{ dBc}$;

Deviation from the carrier center frequency $+25\text{ kHz}$ to $+62.5\text{ kHz}$ and -25 kHz to -62.5 kHz the device modulation

sidebands with $\leq -40\text{ dBc}$

Modulation mode: GMSK / FM

Operating Temperature: $-20\text{ }^{\circ}\text{C}$ ~ $+55\text{ }^{\circ}\text{C}$

Application areas: marine safety, search and rescue system.

Dimensions (mm) : $\varnothing 120$ (MAX) L365

Weight (kg) : approx. 900g

Accessories:

floating 10 meter rope .

Mounting rod;

Mounting bracket;

Not less than 1 meter rod.

Note: Specifications are subject to change without notice