

- High integration and low failure rate
- Type approval with DNV (MED) and CCS



- Designed to use for emergency purpose on life raft.
- Compared to RADAR-SART, AIS-SART has advantage in some aspects, such as farther-reach transmission and less affect from sea conditions. With more and more vessels to be fitted with AIS, AIS-SART will become more effective and useful in SAR operations.
- Designed to transmit a serial of messages on two AIS channels periodically. With unique and special MMSI pre-configured, alerts from AIS-SART can be easily recognized and read, which is sent both in position report and safety message.
- Adopts low consumption design to ensure the product to continuously operate more than 96 hours.
- Conforms to the latest rules including IMO MSC.246 (83) and IEC 61097-14.



## SPECIFICATIONS

### ● TECHNICAL SPECIFICATIONS

- TX Channel: AIS 1, AIS 2
- FREQ Tolerance:  $\leq 0.5$  kHz
- Communication Range:  $\geq 5$  nm
- Operating Hours:  $\geq 96$  hours
- GNSS Fixing Time:  $\leq 1$  minute

### ● BATTERY REQUIREMENTS (NBT100)

- Battery Voltage: DC 9V
- Storage Life: Max 5 years on board  
(plus one year of shelf time)

### ● GNSS Receiver

- Type: Built-in GNSS antenna
- System Supported: GPS, Glonass, BDS

### ● SIZE & WEIGHT

- Size: 95 (D)  $\times$  377 (L) mm
- Weight: 900 g

### ● WORKING ENVIRONMENTS

- Operation Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Storage Temp:  $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Floating Type: Floatable
- IP Grade: IP67

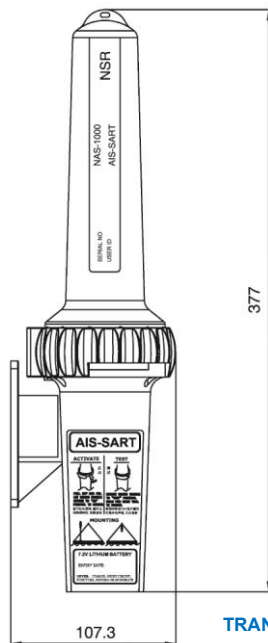
## EQUIPMENT LIST

### ● STANDARD

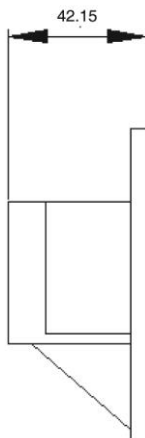
- Transponder NAS-1000 1 pc
- Mounting Bracket 1 pc
- Tele-Pole (1.5 m) 1 pc
- Accessories 1 set



## SIZE DIMENSION



TRANSPONDER



MOUNTING BRACKET

