



SMRT WIND

275N Solas PFD

The sMRT Wind 275N SOLAS PFD is manufactured to the highest specifications and approved to the latest SOLAS standards. It combines safety and comfort for constant wear and features an optional spray hood. Specifically designed to integrate with our sMRT Personal Locator Beacons.

SPEAK TO OUR SALES TEAM TO FIND OUT MORE.



WE TAKE THE SEARCH OUT OF SEARCH AND RESCUE

Why Choose the sMRT WIND?

- ✓ SOLAS APPROVED
- ✓ MANUFACTURED TO BE INTEGRATED WITH sMRT MOB PERSONAL LOCATOR BEACONS
- ✓ INTEGRATES WITH THE sMRT AU10 121.5MHz AND AIS PLB
- ✓ ANNUAL RECERTIFICATION OF INTEGRATED SOLUTION SAVES TIME AND MONEY ON SERVICING
- ✓ ACTIVATES AUTOMATICALLY ON IMMERSION IN WATER OR MANUALLY
- ✓ STROBE LIGHT FOR LOW VISIBILITY IDENTIFICATION
- ✓ WHISTLE TO ATTRACT ATTENTION
- ✓ BUDDY LINE TO KEEP YOUR CREW TOGETHER
- ✓ TWIN CHAMBER

MANUFACTURED TO THE HIGHEST QUALITY AND APPROVED TO THE LATEST SOLAS 2010 STANDARDS, THE sMRT 275N PFD IS DESIGNED FOR CONSTANT WEAR WITH A SINGLE FRONT CLOSURE BUCKLE AND SIDE ADJUSTMENT. THE YOKE STYLE ALLOWS FOR A LOW PROFILE FIT THE PVC RE-INFORCED COVER ENSURES THE PFD IS LOW MAINTENANCE.



ENVIRONMENTAL

ENVIRONMENTAL RESISTANCE	IP68
OPERATING TEMPERATURE	-20°C TO +55°C
STORAGE TEMPERATURE	-45°C TO +70°C
OPERATING HUMIDITY	TO 95% NON-CONDENSING
SHOCK	20G MIN
VIBRATION	EUROCAE ED-14F
COMPASS SAFE DISTANCE	30CM (FOR <1° DEFLFLECTION)
FLAMMABILITY RATING	ED 14F 26.3.3 CATEGORY C:
BATTERY	6V LI-MNO2
BUOYANCY	BUOYANT (INDEX=9%)
TRANSPORTATION	AIR CARGO UN 3091- NOT HAZARDOUS

PHYSICAL

DIMENSIONS (CASE)	80MM X 95MM X 35MM
WEIGHT	250G

STANDARDS APPLIED

EMC	EN 301 489-22 V1.3.1, EN 301 489-1 V1.8.1
ELECTRICAL SAFETY	EN 60950-1:2006
MARINE	IEC 60945:2002
RADIO (121.5MHZ)	EN 302 961
RADIO (AIS)	EN 303 098, RTCM 11901.1:2012

ELECTRICAL

AIR BAND FREQUENCIES	121.500MHz, 121.650MHz
DISTRESS MODULATION	AM COMPLIANT TO ITU-R M.690-2 (2012)
AIR BAND POWER	100MW ERP
MARINE-BAND FREQUENCIES	161.975, 162.025 MHz (AIS1, AIS2)
SIGNALLING TYPE	COMPLIANT TO ITU-R M.1371-5
MARINE-BAND POWER	1W EIRP NOMINAL
VHF ANTENNA	CENTRE-FED DIPOLE, COMPRISING COAXIAL CABLE AND 1/8 COIL WHIP
GPS ANTENNA	CIRCULAR-POLARISED WIDE-ANGLE BULBS

OPERATIONAL

OPERATING TIME	>12 HOURS CONTINUOUS
STANDBY BATTERY LIFE	>3 YEARS
PERMANENTLY ARMED	12 HOURS OPERATION IF ARMED FOR 12 MONTHS
GPS POSITION UPDATE	MINIMUM OF 6 PER MINUTE
GPS TIME TO FIRST LOCK	TYPICALLY <1 MINUTE UNDER NORMAL OPERATING CONDITIONS
ALERT INDICATION ACTIVATION	AUDIBLE AND VISIBLE MANUAL PLUS AUTOMATIC WATER ACTIVATION
MMSI	PERMANENT FACTORY PROGRAMMED (972 PREFIX)
MANUFACTURING PROCESS LIFEJACKET	ISO 9001:2000 2010 SOLAS PLUS ISO 12402