

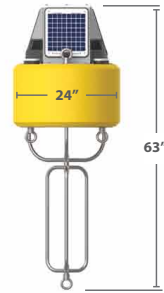
# CB-Series

## ENVIRONMENTAL DATA BUOYS

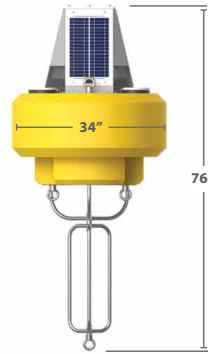
NexSens CB-Series Data Buoys are designed for deployment in lakes, rivers, coastal waters, harbors, estuaries and other freshwater or marine environments. The floating platform supports both topside and subsurface environmental monitoring sensors including weather stations, wave sensors, thermistor strings, multi-parameter sondes, Doppler current profilers and other monitoring instruments.

The buoys are constructed of an inner core of cross-linked polyethylene foam with a tough polyurea skin. A topside stainless steel tower includes three solar panels, and a center 10" ID data well accommodates batteries, data loggers, sensors and more. Three pass-through holes with female NPT bottom threads allow for quick connection of instrument deployment pipes and custom sensor mounts. The stainless steel frame supports both single-point and multi-point moorings.

CALL [937.426.2703](tel:937.426.2703) OR  
EMAIL [INFO@NEXSENS.COM](mailto:INFO@NEXSENS.COM)  
TO BUILD A DATA BUOY  
SYSTEM



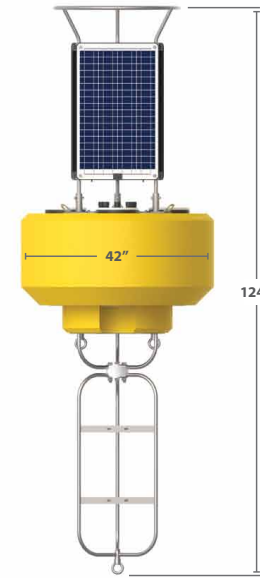
CB-150



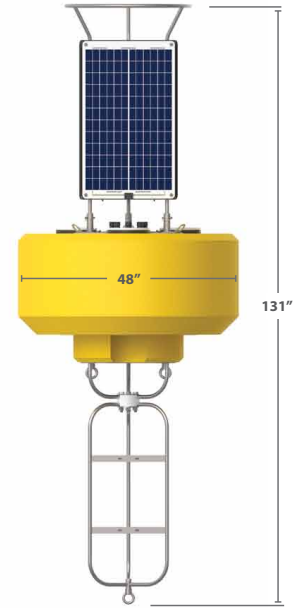
CB-450



CB-650



CB-950



CB-1250

Hull Outer Diameter	inches (cm)	24 (61.0)	34 (86.4)	38 (96.5)	42 (106.7)	48 (121.9)
Hull Height	inches (cm)	14 (35.6)	20 (50.8)	22 (55.9)	26 (66.0)	28 (71.1)
Tower Height	inches (cm)	13 (33.0)	20 (50.8)	40 (101.6)	45 (114.3)	50 (127.0)
Data Well Inner Diameter	inches (cm)	10.3 (26.2)	10.3 (26.2)	10.3 (26.2)	10.3 (26.2)	10.3 (26.2)
Data Well Height	inches (cm)	13.5 (34.2)	19.5 (49.5)	21.5 (54.6)	25.5 (64.8)	27.5 (69.9)
Instrument Pipe Diameter	inches (cm)	2 (5.1)	4 (10.2)	4 (10.2)	6 (15.2)	6 (15.2)
Weight	lbs (kg)	95 (43)	145 (66)	215 (98)	285 (129)	300 (136)
Buoyancy	lbs (kg)	150 (68)	450 (204)	650 (295)	950 (431)	1250 (567)
Solar Power	Watts	18	30	90	120	165
Mooring Attachments	3/4" eyenut	1 or 2 point	1 or 2 point	1 or 2 point	1 or 2 point	1 or 2 point