

# COASTAL DATA BUOY 384

- Designed for open water estuarine & coastal environments
- Maximum flexibility in instrument and payload configurations
- Easy in-water deployment & recovery of instruments and payloads
- Robust construction for years of service
- 48 Watts of integral 12 volt DC solar power



## CDB-384 KEY SPECIFICATIONS

**Hull Dimensions:** 38" diameter x 42" tall

**Tower Dimensions:** 30" tall, 1" tubular construction

**Weight:** 215 lbs.  
(less instruments & ballast)

**Total Buoyancy:** 615 lbs.

**Instrument Accommodations:**

- Three (3) 6" thru-hull user configurable instrument wells
- One (1) central 10" protected, flow-through, instrument well
- One (1) integral IP67 instrument compartment (12" x 10" x 5")
- Removable 3 meter MET mast, 1" aluminum pipe
- Swap and deploy instruments from all locations without buoy recovery

**Power Generation:** 48 Watts from four (4) 12-watt 12-volt DC, marine-grade, semi-flexible solar panels with wet-mate connector to instrument compartment  
*(Optional 56 and 84 A-hr storage battery system available, fits in central well)*

**Mooring Configuration:** Single or Two point mooring

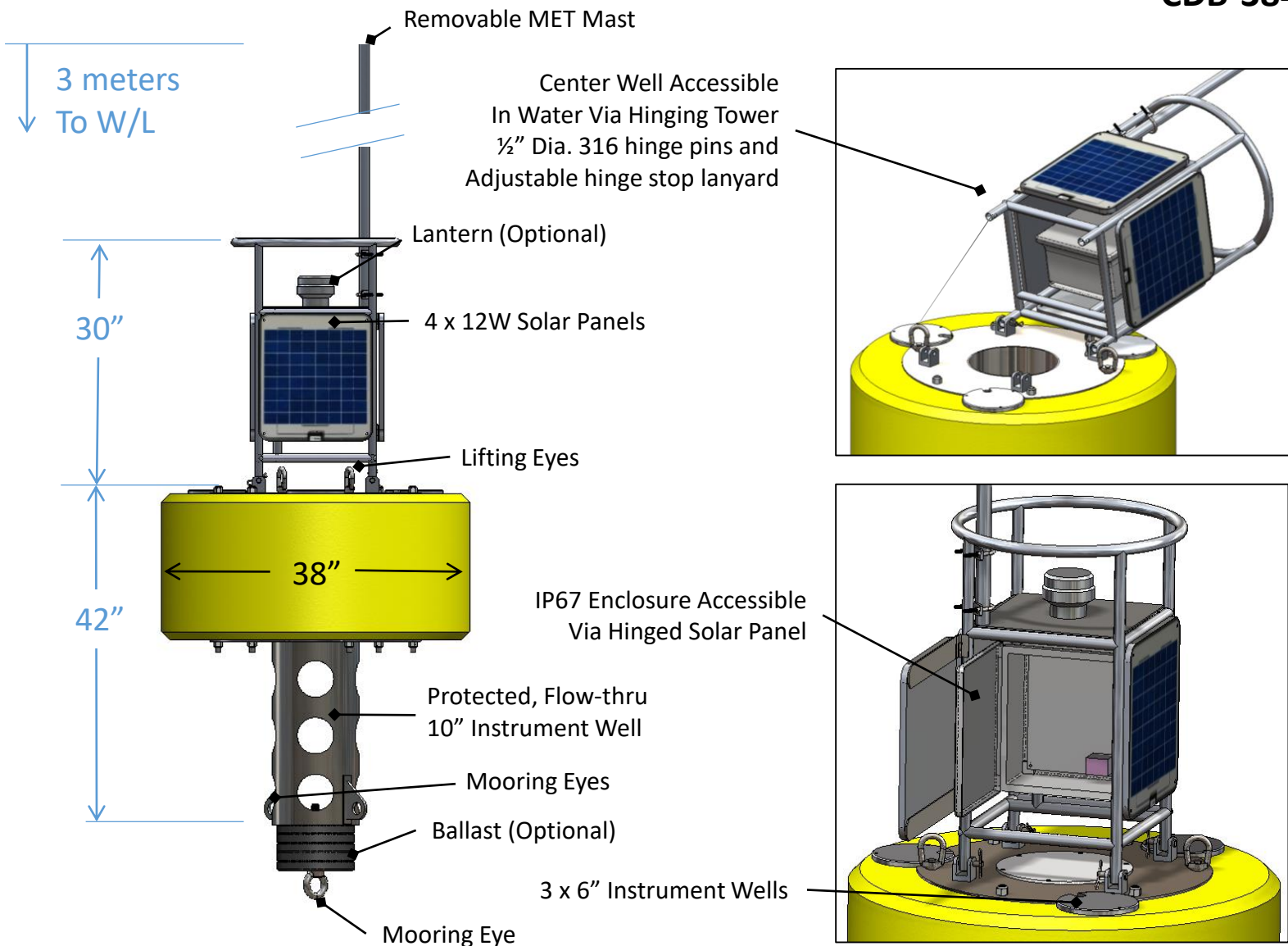
**Materials:** Hull: Cross-linked polyethylene foam, polyurea coating with 316 stainless steel deck and hardware  
Tower: Marine grade 5052 aluminum

## MARITIME APPLIED PHYSICS CORPORATION

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Baltimore, Maryland 21226



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**Available Accessories**

BAL-XXX	Configurable Ballast [When ordering, replace XXX in part number with desired ballast in 20 lb increments]
IC-6	Stainless Steel Omni-Mount Instrument Cage for 6" Wells
M550Y15	Self Contained Marine Lantern, Solar, 3nm Range, Yellow, 15 Flashes/minute
SPCC-12-4	Solar Panel Charge Controller, Installed
BATT-12-XX	56 and 84 A-hr, 12 Volt Battery System mounted in 10" center well [When ordering, replace XX in part number with 56 or 84 A-hr]

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