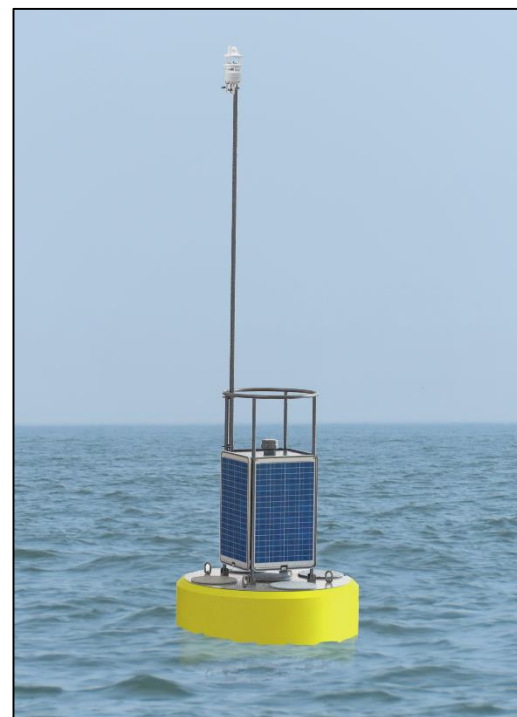


COASTAL DATA BUOY 485s

- 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
- 160 Watts of integral 12 volt DC solar power



CDB-485s KEY SPECIFICATIONS

Hull Dimensions: 48" diameter x 44" tall

Tower Dimensions: 50" tall, 1" tubular construction

Weight: 380 lbs.
(less instruments & ballast)

Total Buoyancy: 1300 lbs.

Instrument Accommodations:

- Four (4) 10" thru-hull user configurable instrument wells
- One (1) central 10" protected instrument well
- One (1) integral IP67 instrument compartment (16" x 14" x 8")
- Removable 3 meter MET mast, 1" aluminum pipe
- Swap and deploy instruments from all locations without buoy recovery

Power Generation: 160 Watts from four (4) 40-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

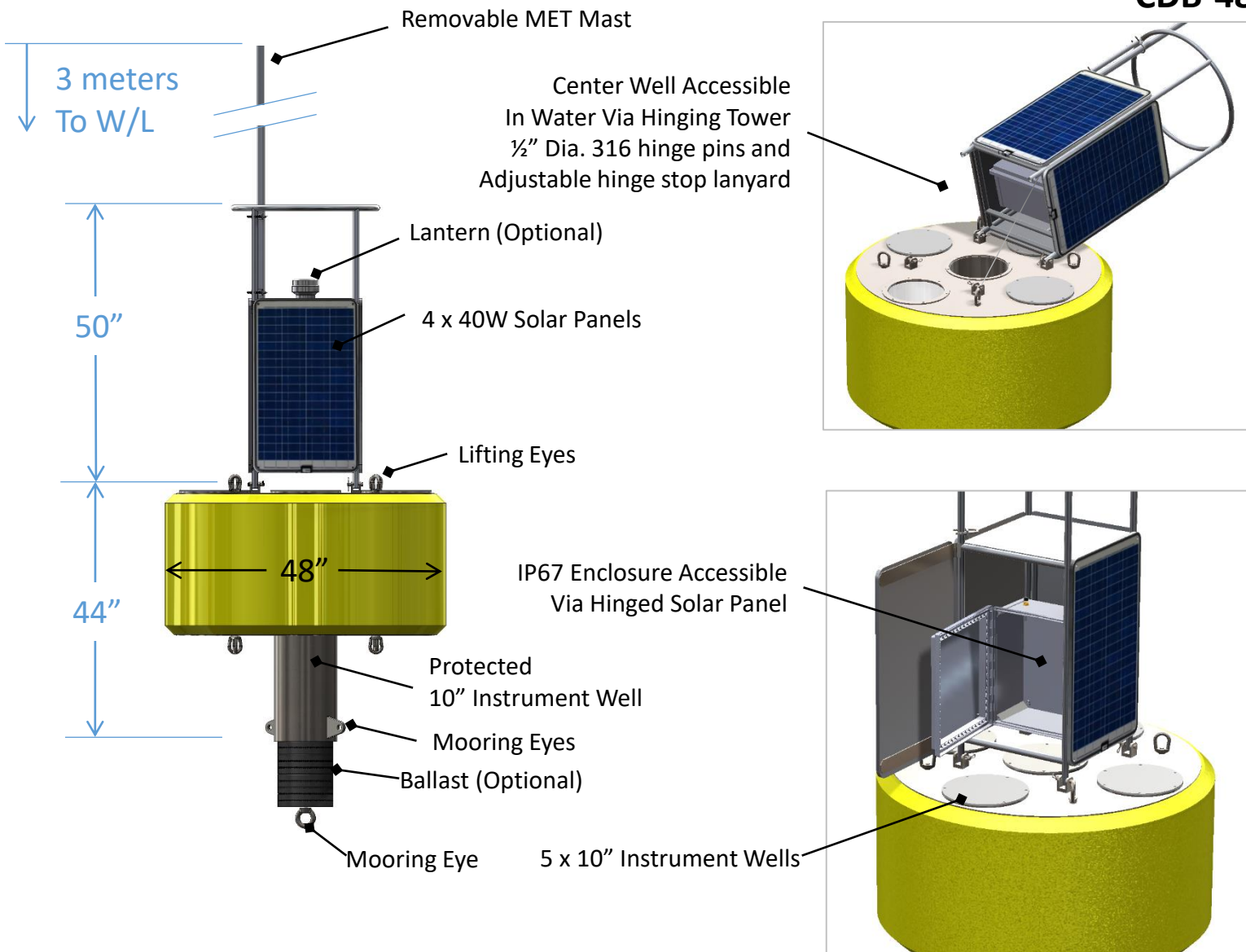
Materials: Hull: Cross-linked polyethylene foam, polyurea coating with 316 stainless steel deck and hardware
Tower: Marine grade 5052 aluminum

MARITIME APPLIED PHYSICS CORPORATION

1850 Frankfurst Avenue
Baltimore, Maryland 21226



www.mapcorp.com
Tel: 443-524-3330
Fax: 443-524-3322



Available Accessories

BAL-XXX	Configurable Ballast [When ordering, replace XXX in part number with desired ballast in 20 lb increments]
IC-10	Stainless Steel Omni-Mount Instrument Cage for 10" Wells *Compatible with existing CBIBS AXYS 10" instrument cages*
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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