

OVERVIEW

The Pharos Marine Automatic Power range of steel buoys is the industry leader. With the flexibility of multiple diameters and focal heights, this buoy can be catered for any sea conditions possible.

With a focal height of up to five meters and a large spar tower, the PMAPI steel buoy has a visual range day range of up to 4NM.

The PMAPI steel buoy can also accommodate added extras such as Racon, Fog Signal, AIS, and weather monitoring equipment.

KEY FEATURES

- Shape and dimensions in conformance with USCG recommendations
- Robustness and durability
- Exceptional day visibility
- Easy access to equipment
- Designed to translate wave action into vertical movements in order to minimise rocking motions on the buoy

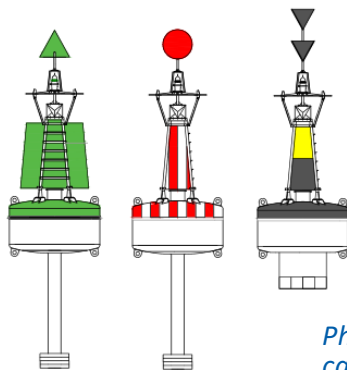
OPTIONAL FEATURES

- Marine lantern with mounted solar panels
- Self-contained lantern
- Fog signal
- Radar beacon
- Automatic Identification System (AIS)
- Weather reporting equipment

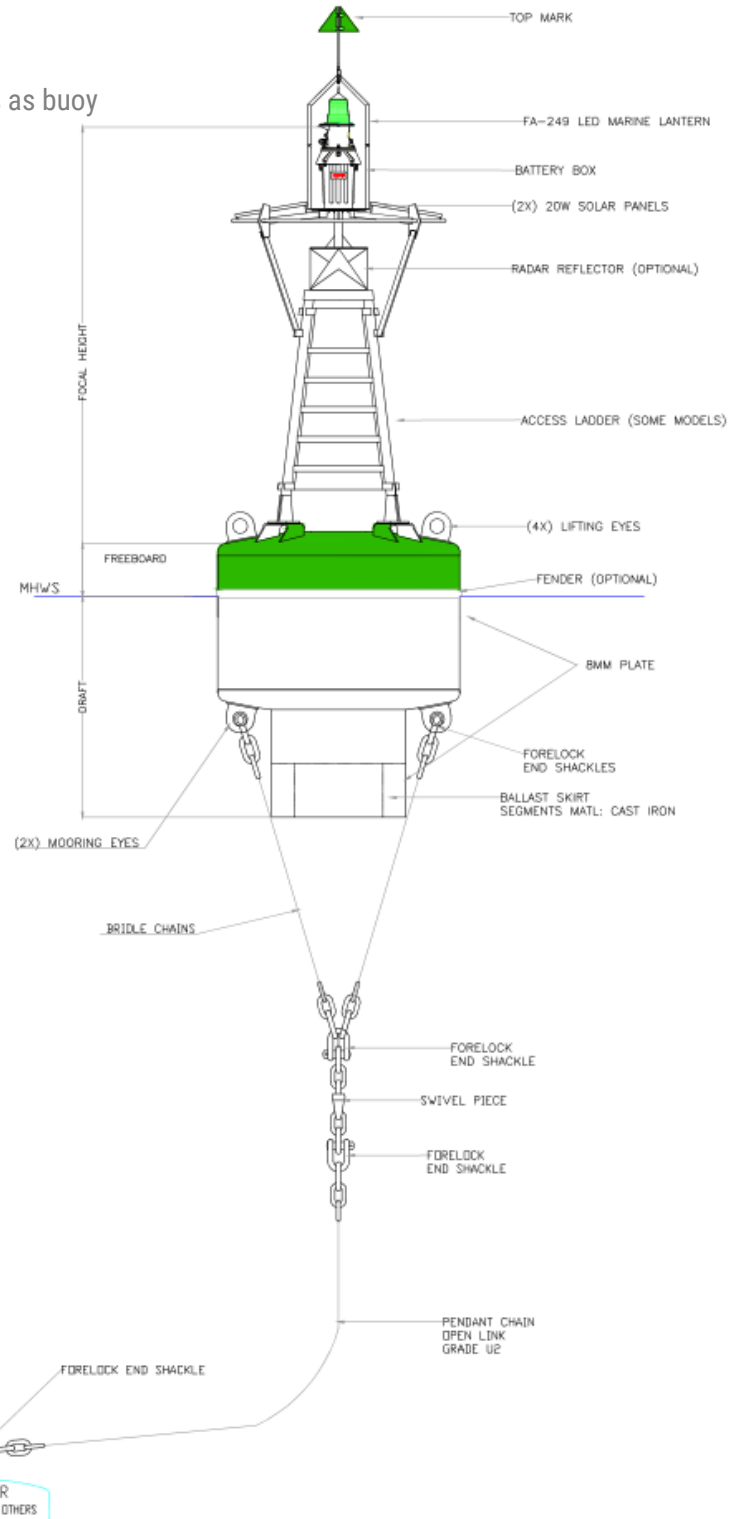
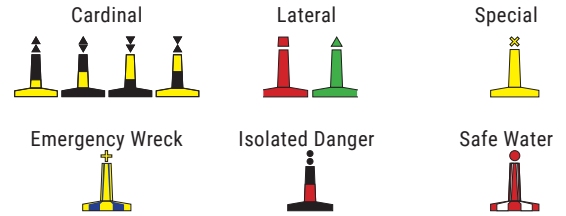


BUOY SPECIFICATIONS

- Float diameter: 1.3m, 1.7m, 2.0m, 2.5m, 3m
- Skirt: Keel type design
- Shell thickness: 6, 8 and 10 mm
- Head thickness: 6 and 8 mm
- Overall height: up to 8.3m
- Focal plane: up to 5m
- Freeboard: up to 0.8mm
- Draught: up to 1.845m
- Total weight: up to 3500kg
- Upper and lower dished ends same plate thickness as buoy
- Buoy body constructed as one chamber
- Two or four lifting eyes, two or four mooring eyes
- Ballast weight manufactured from cast steel
- Towers interchangeable on buoy bodies
- Galvanised steel towers
- Top marks manufactured from aluminium
- Optional solar panel support posts
- Pressure tested to 5psi
- Grit blasted and painted to IALA Specification
- Durable rubber fender optional



BUOY CONFIGURATIONS



Pharos Marine Automatic Power is OEM and can fully design the buoys for any specifications and sea conditions. Also available USCG compliant steel buoys.

**All values are subject to change without notice.*



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