

# POLYETHYLENE BUOY

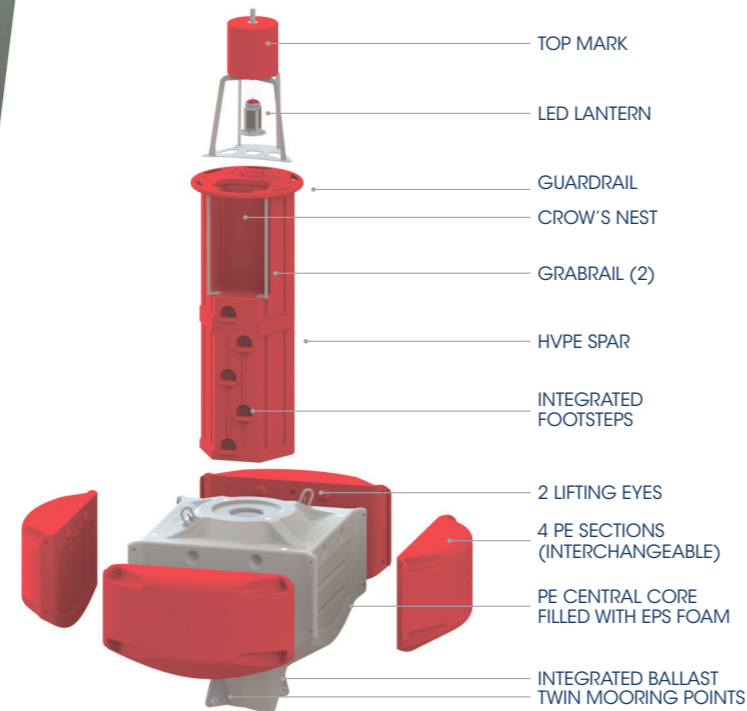
## GB-2600-ECO



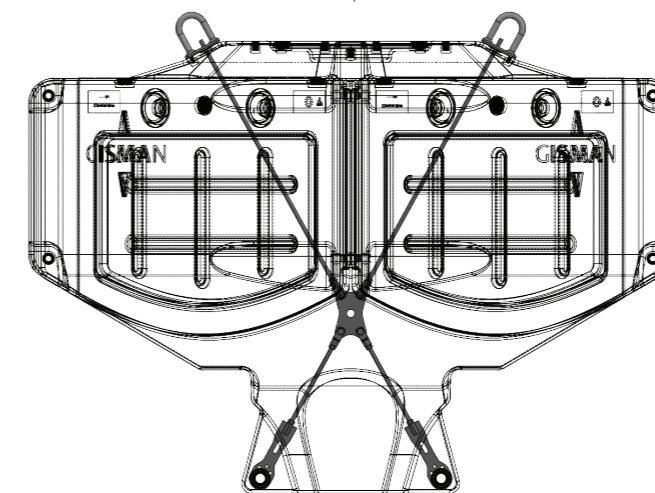
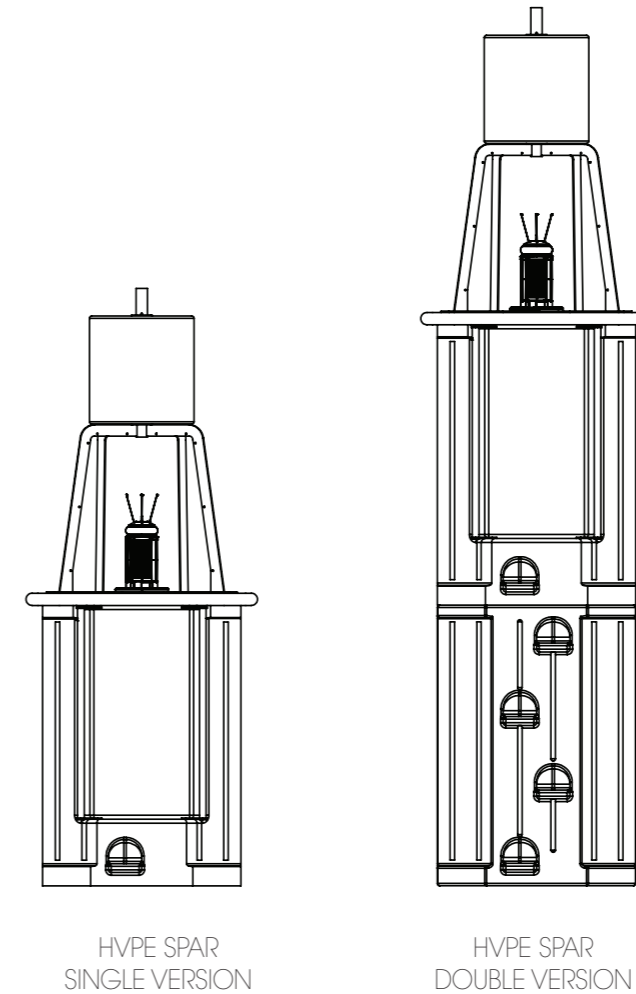
**Diameter: 2.6m**  
**Volume: 5.6m<sup>3</sup>**  
**For coastal & offshore applications**

*With its innovative design, GISMAN buoy GB-2600-ECO can match a wide range of applications. This is a cost effective and environmentally-friendly equipment.*

- All made of polyethylene, modular design, transport and storage in upright position
- Easy to transport, assemble and deploy:
  - 4 complete buoys fit in a 40' HC shipping container
  - assembly and handling with a forklift
  - 30% lighter than a hybrid buoy with similar volume
- Acquisition cost = 30% cheaper than a traditional hybrid buoy with similar volume
- Minimal maintenance (no painting ever, integrated ballast)



2 heights of spar, to match customer's requirements



**316 grade stainless steel moulded-in tie bars with 2 large integrated lifting and mooring eyes**

### HIGH VISIBILITY POLYETHYLENE SPAR

Single version 1.3m high  
 Double version 2.7m high  
 With polyethylene or aluminium top mark

### POLYETHYLENE FLOAT

2.6m diameter float: polyethylene central core filled with expanded polystyrene foam

+ 4 polyethylene sections (interchangeable)

### ADDITIONAL CHARACTERISTICS

**Volume (m<sup>3</sup>)**  
5.6

**Reserve buoyancy (m<sup>3</sup>)**  
4.5 to 4.7

**Focal plane (m)**  
2.6 with single HVPE spar  
3.9 with double HVPE spar

**Draught (m)**  
0.8

**Overall height (m)**  
4.4 to 5.7

**Ballast (kg)**  
400

**Total weight (kg)**  
Approx. 900

**Visibility (m<sup>2</sup>)**  
3.8 to 4.9 (high conspicuity)

**Recommended mooring**  
Ø 30mm open link chain (2 mooring points)

**Recommended lantern**  
Self-contained LED lantern or with separate solar generator, with range from 3 to 7 NM