

Port Buoy

VPU400



Conspicuity and quality for competitive price

Port Buoy VPU400 is ideal marker buoy for short to medium range with competitive price-quality ratio. It provides conspicuity that is adequate to many locations in ports and coastal areas.

VPU400 is deployed in conventional way by using sinker and slack chain. The high performance radar reflector inside, effective retro-reflector and bright colors make it easy to detect.

The buoy has optimal features to be used in Ports. Possible collisions with vessels will not damage either. This is due to hit-tolerant elastic body and relatively light weight of the buoy.

The buoy can be equipped with any lantern with less than 4 kg in weight.



Area of use

- Ports and Marinas
- Fish and Wind farms
- Inland waterways
- Traffic sign floats

Specifications

*) can be adjusted according to customer needs

Overall length *)	6.8 m	Retro-reflector	330 cm ² (3M diamond)
Diameter	400 mm	Radar reflector	Trihedral TH400
Draft *)	4.5 m	Radar cross area RCS	3.4 m ² (X-band)
Wall thickness	15 mm	Surface color	IALA-E108
Polyethylene material	HD 100 extruded pipe	Color and UV stability	26 years (lat. 50) on main surfaces
Polystyrene filling	EPS 150 closed shell	Mooring sinker weight	6 - 8 ton
Dry weight without ballast	212 kg	Maximum current *)	2 kn
Required ballast weight *)	150 kg	Maximum wave height	3 m (significant)
Buoyancy at MSL	362 kg	Lantern *)	Sabik as default
Focal plane at MSL *)	2.3 m	Battery capacity	220 Ah
Nautical conspicuity	2 NM	Top Mark	Optional

We can customize the buoys for your needs

