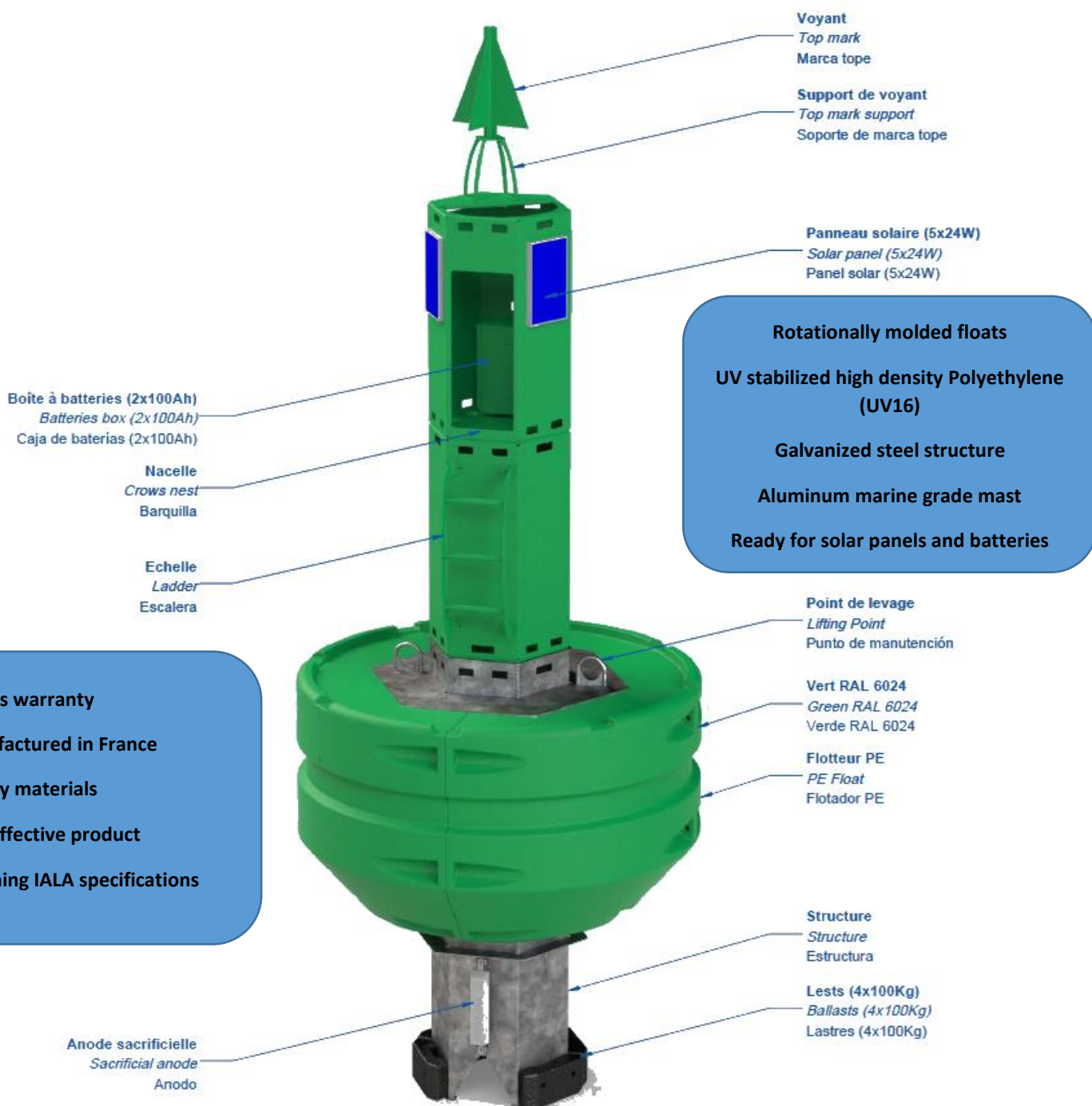
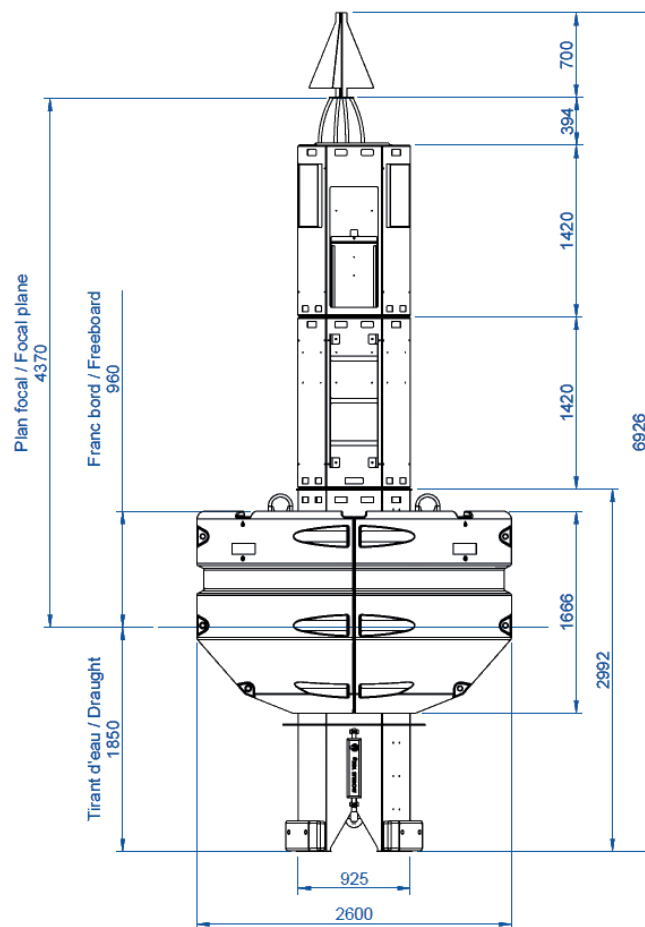


FLC2600 Marine Buoy

Galvanized steel structure / Hexagonal mast

Technical Documentation





Technical data	
Diameter	2600 mm
Height (no topmark)	6226 mm
Volume	5900 l
Draught	1850 mm
Freeboard	960 mm
Mast	2836 mm
Weight with ballasts	1814 kg
Visible area	From 5.5 m ²
Focal plane	From 4235 mm

Materials	
Structure, Lifting and Mooring Points	S355 galvanized steel (SS316 option available)
Float	4 independent floats. UV-stabilized (UV16) Polyethylene high density. Rotational molding. Not foamed. (Available on request only)
Mast	Hexagonal shape. Aluminum 5083/5086 marine grade 3 meters. Powder coated.
Colors	Pigments matching IALA specifications directly integrated into the polyethylene during rotational molding for no painting ever.
Ladder	Aluminum 5083/5086 marine grade
Ballasts	Cast Iron. Removable. 4 x 100kg
Topmark	Powder coated aluminum
Radar Reflector	Aluminum 5083/5086 marine grade
Eco friendly	Recyclable polyethylene. Heavy metal free. No ecological damages

DETAILED INFORMATION

FLC2600 SPECIFICATIONS						
GENERAL		MATERIALS		QUANTITY	DIMENSIONS (mm)	WEIGHT (kg)
DIAMETER (mm)	2600	BALLAST	CAST IRON	4	552x248x140	100,3
WEIGHT (kg)	1814	INTERNAL STRUCTURE / LIFTING AND MOORING	GALVANIZED STEEL S355J2G3 / 2 x LIFTING (Ø25) AND 3 x MOORING (Ø47) EYES	1	2992 x 1030 x 1030 THK6 to 10	577,5
VOLUME (l)	5900	LADDER	ALUMINIUM 5083/5086 MARINE GRADE	1	1100 x 400 x 250	5,28
FOCAL PLANE	4235	FLOAT	MEDIUM DENSITY VIRGIN POLYETHYLENE UV15 GRADE	4	1666 x 1300 x 1300 THK22	160
		MAST WITH ACCESS DOOR	ALUMINIUM 5083/5086 MARINE GRADE	1	1410 x 900 x 875 THK4	38,93
		MAST	ALUMINIUM 5083/5086 MARINE GRADE	1	1410 x 900 x 875 THK4	43,13
		ROOFTOP	ALUMINIUM 5083/5086 MARINE GRADE	1	785 x 436 x6	3,87
		BATTERY BOX / 2 x 100A	ALUMINIUM 5083/5086 MARINE GRADE	OPTION (1)	622 x 380 x 252 THK4	11,1
		TOPMARK SUPPORT	ALUMINIUM 5083/5086 MARINE GRADE	1	300 x 300 x 338	2,29
		MAST BASE AND TOP	HIGHT DENSITY VIRGIN POLYETHYLENE UV15 GRADE	2	903 x 875 THK10	5
		ANODES	ZINC ALUNINUM	2	650 x 116 x 100	10
		SCHAKLE	DN42 HOT DIP GALVANIZED STEEL	1	DN42	9
		SCREWS, BOLTS	-	1	-	34,48
		TOPMARKS SPECIFICATIONS				
		MATERIALS		QUANTITY	DIMENSIONS (mm)	WEIGHT (kg)
		TOPMARK STARBOARD	POWDER COATED ALUMINUM	OPTION (1)	654 x 550 x 550	2,5
		TOPMARK PORTHAND	POWDER COATED ALUMINUM	OPTION (1)	690 x 550 x 550	3
		TOPMARK CARDINAL	POWDER COATED ALUMINUM	OPTION (1)	1304 x 550 x 550	5
		TOPMARK ISOLATED DANDER	POWDER COATED ALUMINUM	OPTION (1)	1398 x 550 x 550	5
		TOPMARK SAINT ANDREW CROSS	POWDER COATED ALUMINUM	OPTION (1)	600 x 550 x 550	3
		TOPMARK SAFE WATER / FAIRWAY	POWDER COATED ALUMINUM	OPTION (1)	700 x 550 x 550	3,5

Ref.	DC3
2021/10/08	

FLC3000 IN DIFFERENT CONFIGURATIONS



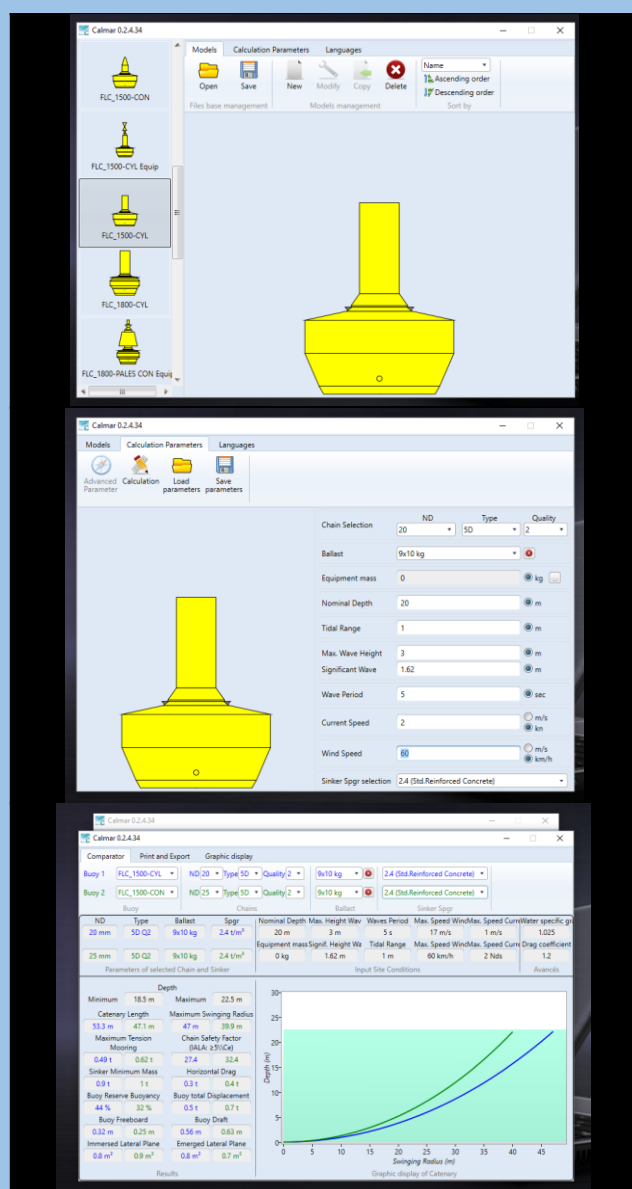
Available in all configurations: lateral, cardinal, special mark, fairway, wreck, ...

CALCULATE YOUR MOORING SOLUTIONS WITH CALMAR

FullOceans recommends CALMAR the best software for the calculation of your mooring lines. CALMAR is fully adapted to FullOceans buoys, and permits to define the best mooring options according to sea conditions.

CALMAR is easy to use and available in 6 languages.

IALA had endorsed CALMAR as the leading mooring line calculation software.



Choose your FullOceans model

- FLC1200
- FLC1500
- FLC1800
- FLC2200

Enter the sea conditions

- Depth
- Tidal range
- Max wave height
- Max wind
- Wave period
- Current speed
- Wind speed

Get mooring length and much more

- Mooring line length
- Tension
- Sinker mass
- Buoyancy reserve
- Freeboard
- Swinging radius
- Compare chain models
- And much more

Free Download of CALMAR on www.fulloceans.com