



## HORIZON SC23 SOLAR CATAMARAN

2010 Standard Specifications (All Regions) Annex A

Valid date: May, 2010

### Principal dimensions (approximate):

L.O.A.	: 23' -0"	(7.00 M)
L.W.L.	: 21' -0"	(6.62 M)
Beam	: 8' -3"	(2.50 M)
Draft (prop. tip clearance)	: 2' -2"	(0.64 M)
Height (W.L. to top of arch)	: 9' -10"	(3.00 M)
Displacement (light approx.)	: 5,500 lbs	(2.5 Tons)

### A. Hull and Main Structure:

1. White Gelcoat finish.
2. One-piece hull lamination.
3. Fiberglass solid hull bottom.
4. High-density foam cored deck.
5. Stringers with high density foam coring.
6. Strong collision bulkhead structure for extra safety.
7. INTERNATIONAL brand anti-fouling bottom paint, w/ anti-osmosis treatment.

### B. Exterior Deck and Equipment:

1. Nonskid deck and steps.
2. 6 Heavy-duty 316# stainless steel cleats.
3. Heavy-duty S/S 1-1/2" handrail w/1-1/4" stanchions.
4. Deck storage lockers under settee.
5. Stainless steel handrails on hardtop aft.
6. Foldable swimming ladder.
7. Solid rubber rub rail with S/S insert around upper hull side.  
One swivel helm chair.
8. Fiberglass instrument console.
9. One battery monitor showing charging current and remaining capacity.
10. Indicators and switches for important equipment (bilge pumps, nav lights).
11. International navigation lights.

### Options

13. Fenders and ropes.
14. Settee cushions.



#### **E. Motor propulsion & steering system:**

1. One Krautler GPAV 2.8kW outboard motor, or equivalent
2. Krautler top mounted single lever control or equivalent.
3. Manual steering system.
4. 13" steering wheels.

#### **F. Electrical systems:**

1. Four SunPower 215 solar panels or equivalent.
2. One 16A shore power socket.
3. Colour-coded wiring for easy identification.
4. One Outback Flexmax 60 solar charging controller or equivalent.
5. One 48V 16A battery charger connected to shore power.
6. Four 200 AH gel cell batteries for ship's service power.
7. Main electric panel includes AC & DC circuit breakers.
8. One fluorescent light under hardtop.
9. 24 volt to 12 volt converter for supply of 12-volt components.

#### **G. Mechanical systems:**

##### **Bilge water system**

1. Two electric RULE bilge pumps.
2. Floating switches activates bilge pumps automatically on high level.

**\*\* All specifications subject to change without notice\*\***

- the end -

Not included are pieces of free standing furniture and lamps, special designer specified lighting, art work, cooking utensils, cutlery and flatware, soft goods and the design fees attendant to personalizing the Owners interior arrangement plan and design.

##### **Qualifications and Notice to Reader**

Performance statistics, weight, draft, freeboard and height are estimated only and are not warranted, and actual figures will vary depending on tolerances achieved during the vessel's construction process and the equipment, supplies and stores on board, as well as operational and sea conditions. Horizon reserves the right to substitute equipment and materials stated herein to others which it believes to be of equal or superior quality and to make such design and dimensional changes as it believes are necessary to improve the vessel's performance and function.