



NOVALUXE

 **LIGHT**<sup>40</sup>

[www.Novaluxeyachts.com](http://www.Novaluxeyachts.com)

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## ELIGHT<sup>40</sup>

The ELIGHT 40 is the ultimate solar electric catamaran in terms of efficiency, range, speed, availability, versatility and enjoyment.

The 48v, 5kwh solar array feeds a 40kWh, 48v battery bank which supplies two 48v, 60kw electric motors. All house electronics are stepped down from 48v making this both a simple and powerful system.

## General Specifications

### Principal Characteristics

L.W.L 11.90 m
L.O.A 11.90 m
Beam 6.42 m
Draft 0.8 m
Displacement (L.S) 5800 kg
Load carrying cap 4000 kg
Motors 2 x 30 kw

## Hull, Deck & Bulkheads

Using only the highest grade Lloyds approved materials.

- Epoxy resin and multi axial stitched E-glass fabrics.
- PVC/Nidacore sandwich vacuum bonded construction.
- Reinforcing built-in for all deck fittings and high load areas.
- Bulkheads are bonded in place Forward water-tight compartments.
- 2 x GRP doors fitted
- Low aspect keels
- Rudders are fixed
- Mast beam and aft cross-beam with 6 lockers
- Anti-fouling over epoxy osmosis barrier

## Deck Saloon

- U-Shaped bar unit
- Forward access to foredeck

## Aft Deck

- Dive Platform
- Seating and storage
- 1 x Cold shower

## Fore Deck

- Foredeck with large access hatches and storage
- Anchor locker  
2 x large trampolines

## Exterior

- Steering console with seat
- Seating for 10 people
- Stainless steel guardrail and windscreen
- 7kw Solar Array

## Interior Modules

- All interior modules have; hinges & latches are fitted, and the floor boards have a non-slip finish

## Starboard hull

### Aft Cabin

- Queen-sized double bunk
- Storage cabinet & overhead locker

### Navigation Centre

- Overhead switchboard
- Companionway staircase with stainless steel grab-rail

### Head Compartment

- 1 x Stainless steel bathroom sink with locker and vanity cabinet
- 1 x Cold Shower

### Forward Cabin

- Single bunk with internal locker  
Stainless steel companionway ladder

## Port Hull

### Aft Cabin

- Queen-sized double bunk
- Storage cabinet & overhead locker

### Galley

- Galley storage
- Cold sink

### Forward Cabin

- Single bunk
- Storage under bunk
- Deck hatch

### Head Compartment

- 1 x Stainless steel washbasin with locker and vanity cabinet
- 1 x Cold Shower

## Deck Hardware

### Hatches & Port lights

4x Lewmar hatches  
 2 x Custom companionway hatches Flush Deck  
 8 x Port-lights

### Lights

1 x Stern light with stainless steel guard  
 1 x Port light  
 1 x Starboard light  
 10 x LED strip lights  
 4 x LED in cabins  
 8 x LED down-lights in coach-roof

### Sailing Instruments

1 x Raymarine 9-inch Chartplotter touch  
 1 x VHF with built in DSC  
 1 x Compass to suite zone

### Plumbing

2 x Johnson manual bilge pumps with thru deck kits

4 x remotely mounted bilge pumps Johnson Viking 16  
 2 x bilge pumps for engine room Johnson Ultima 1000  
 4 x Rule float switches with 2 high water alarms  
 4 x Strum box 19mm, 2 x strum box 38mm  
 9 x Straight skin fitting w/hose- tail 19mm  
 2 x Straight skin fitting w/hose- tail 25mm  
 12 x Drain fitting with grid 38 mm  
 13 x Scoop skin fitting 38 mm  
 2 x Vented loops 19 mm  
 2 x Vented loops 38 mm  
 2 x Fore-spar valves 19 mm  
 2 x Fore-spar valve 38 mm  
 2 x Cold faucets for the heads  
 1 x fold down tap to suite SMEV sink for the bar unit  
 1 x 400L stainless steel water tank  
 2 x 100L aluminum fuel tanks  
 2 x Electric flush toilets  
 1 x freshwater pump

## Deck Hardware

### Anchors and Rigging

1 x 20 kg primary anchor  
 10 m x 10 mm Anchor chain  
 2 x 10mm Galv. D shackles  
 50m x 16mm Anchor warp  
 1 x 35lb secondary anchor  
 5m x 10mm Anchor chain  
 40m x 16mm Moorings warps  
 5 x DH5 fenders 250 x 800mm  
 7.5 x Fender lanyards 1.5M x 5 x10mm  
 2 x Anchor rollers on individual bases

### Forward Cross Beam

-Aluminium section, 3/4 ton (175 x 115) with mounting flanges  
 -Natural anodized Seagull striker fitted  
 Attachment facilities for spinnaker blocks  
 8mm bolt rope track to attach trampoline  
 -Anchor bridal attachments incorporated on both sides of cross beam hull mounts

8mm 1 x 19 striker stay including rigging screw  
 Welded cleats  
 Cross beam brackets

## Steering System

6 x large s/s mooring cleats  
 2 x Chain plates  
 2 x Push pit  
 2 x Gateways  
 2 x Pulpit  
 2 x Rudder stock  
 1 x Transom ladder  
 2 x Transom grab rails  
 1 x Tie bar system  
 1 x Emergency tiller  
 1 x Foredeck access step  
 2 x Coach roof grab rails  
 2 x Forward coach roof grab rails  
 2 x Aft grab rails

## Electricals

1 x Marine CD/radio player  
Fusion  
4 x Waterproof speakers Fusion and sub-woofer  
Switch panel with circuit breakers and switches  
60kw 48v, Propulsion Bank  
5kw 12v, House bank batteries  
8 x 330 Watt solar panels with s/s bracket  
Victron Quattro 5kw inverter (second optional)  
2 x Victron MPPT Solar Converters  
Cabling and conduit  
Battery switches  
Battery monitor  
4 x ventilating fans

## Safety equipment and Life raft/Dingy

Liferafts for 40 passengers (SAMSA, USCG or CE approved)  
Safety equipment excluding life jackets

## Engines

2 x QT30 Electric Yacht 48v, 30kw Motor, Liquid Cooled  
1 x 14kw AC generator, Provides Continuous Speed at 5-6 knots



## Range

Kts	Hrs	Nm
2.2	66.1	148
2.8	34.2	95
3.3	20.00	66
3.9	11.6	45
4.4	8.00	35
5.0	5.6	26
5.5	3.8	21
6.7	2.1	14
7.8	1.3	10
8.3	1.1	9

## See Price List Optional Extras

These are guide line prices only; we can still customise the interior and deck layout according to your requirements. Note: Due to ongoing development & availability of all listed items, Nova Luxe Yachts reserves the right to change or modify any specifications or standard equipment. Our standard conditions of sale apply. NB: Prices quoted are ex factory and in accordance with our standard Agreement of Sale. Zero VAT if sold to outside of S.Africa

## Contact

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