

LUMEN E10

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YACHT BROKERS

BROKERAGE | CHARTER | BERTHS | FINANCE | INSURANCE | YACHT MANAGEMENT

LUMEN E10

BROKER'S COMMENTS

LUMEN E10 HV.100% Electric. Dutch Design. Effortless Elegance. The LUMEN E10 is a 10-meter tender that redefines electric boating. Designed by Mulder Design-Naval Architects and built in the Netherlands, it blends silent power with refined minimalism. This tender can be used also as an extension of a Superyacht. Ideal for water sports, diving or stylish shore transfers.

Sofia Ilia-Salvanou

SPECIFICATIONS

Dimensions	10.50 x 2.90 x 0.60 (m)	**Builder**	JR Yachts, Drachten
Built	2024	**Cabins**	
Material	Vinylester	**Berths**	
Engine(s)	2 x POD elec	**Hp/Kw**	2 x 40.00 (hp), 29.44 (kw)
Asking price	on request (VAT Not paid)	**Lying**	elsewhere / Not at sales office

CONTACT

Sales office	De Valk Corfu	**Telephone**	(+30) 6948681503
Address	New Port of Corfu, near Gouvia Marina 490 83 Corfu GR	**E-mail**	corfu@devalk.nl

DISCLAIMER

These particulars are given in good faith as supplied but cannot be guaranteed.

LUMEN E10

GENERAL

Model	LUMEN E10
Type	motor yacht
LOA (m)	10,50
Beam (m)	2,90
Draft (m)	0,60
Air draft (m)	1,60
Year built	2024
Builder	JR Yachts, Drachten
Country	The Netherlands
Designer	Mulder Naval Architects
Net tonnage	2800 Kg
CE norm	C
Hull material	vinylester
Hull colour	White. High quality Gelcoat
Deck finish	non-skid paint ESTEK Synthetic teak
Cockpit deck finish	synthetic teak
Antifouling (year)	SANS BIOCIDE 2024. INTERNATIONAL B-FREE Explore
Freshwater tank (litre)	60 Lt
Blackwater tank (litre)	60 Lt
Wheel steering	That returns to center position when released (as in cars)
Outside helm position	yes
More info on hull	INTERPROTECT PRIMER
Extra info	Large steering wheel featuring dual 12-inch touchscreens.
Extra info	Cutting edge throttle/Joystick system.
Extra info	Electrically adjustable captain's seat for height

ACCOMMODATION

Open cockpit	With LED Lights
Saloon	Exterior with comfortable side sofas. Fabrics upon request.
Heating	3 Warm Air lovers fitted in the back rest of the side benches

Air-conditioning	OPTIONAL
Navigation center	Touch screen
Galley	With starage cabinet
Countertop	corian
Sink	yes
Oven	OPTIONAL
Fridge	65 Lt. Integrated cool drawer
Hot water system	BOILER 40 Lt
Water pressure system	yes
Hot water tap	yes
Crockery	yes
Toilet	yes
Wash basin	yes
Extra info	Separate Toilet area with dimmable LED lighting & sink water tap

MACHINERY

No of engines	2
Make	POD
HP	40
kW	29.44
Fuel	electric
Maximum speed (kn)	35
Cruising speed (kn)	20
Range (nm)	180
Electric engine	yes
Electric bilge pump	yes
Batteries	yes
Start battery	81Kwh
Service battery	LITHIUM 24V
Battery monitor	yes
Battery charger	yes

Extra info	Digital Control Panel switches for pumps & lights by touchscreen
Extra info	yes

NAVIGATION

Compass	yes
Depth sounder	Garmin
VHF handheld	yes
Autopilot	OPTIONAL
GPS	yes
Plotter/GPS	VOLVO - CPAC
Navigation lights	yes
Extra info	JOYSTICK DOCKING
Extra info	DUAL 12" TOUCH SCREENS

EQUIPMENT

Sprayhood	Optional
Fixed hardtop	Model: Upon Request
Bimini	OPTIONAL
Sun awning	yes
Cockpit cushions	OUTDOOR ALCANTARA .
Cockpit table	Removable and the table surface color: upon request
Bathing platform	With integrated folding ladder
Deck shower	With warm water
Anchor	Electric with retractable arm, moves completely into the Bow.
Windlass	yes
Lifejackets	yes
Fenders	Fender connectors: 4 pieces
Radio-cd player	yes
Sub-woofer	Hidden
Cockpit speakers	BOWERS & WILKINS SOUND
Fire extinguisher	yes





LUMEN E10

The silence of sophisticatio

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The LUMEN E10 is a 10-meter tender that redefines ele
boating. Designed by Mulder Design – Naval Architects an
in the Netherlands, it blends silent power with refined minim

Compact, powerful, and always ready
With a semi-glider hull and cutting-edge battery tech, the
delivers up to 160 km of range and a top speed of 35 km/h
maintenance and always charged—ready when you ar

A seamless extension of your superyacht
Easily stored and launched from a superyacht, the E10 is
for diving, watersports, or stylish shore transfers.

Control at your fingertips
Joystick docking, dual 12" touchscreens, and steer-by-v
technology offer smooth, precise handling.

Quiet luxury, inside and outside
Elegant decking, Bowers & Wilkins sound, ambient lighting
custom finishes make the E10 your private, all-electric esc


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100% ELECTRIC
STATE of the ART YACHTING TECHNOLOGY


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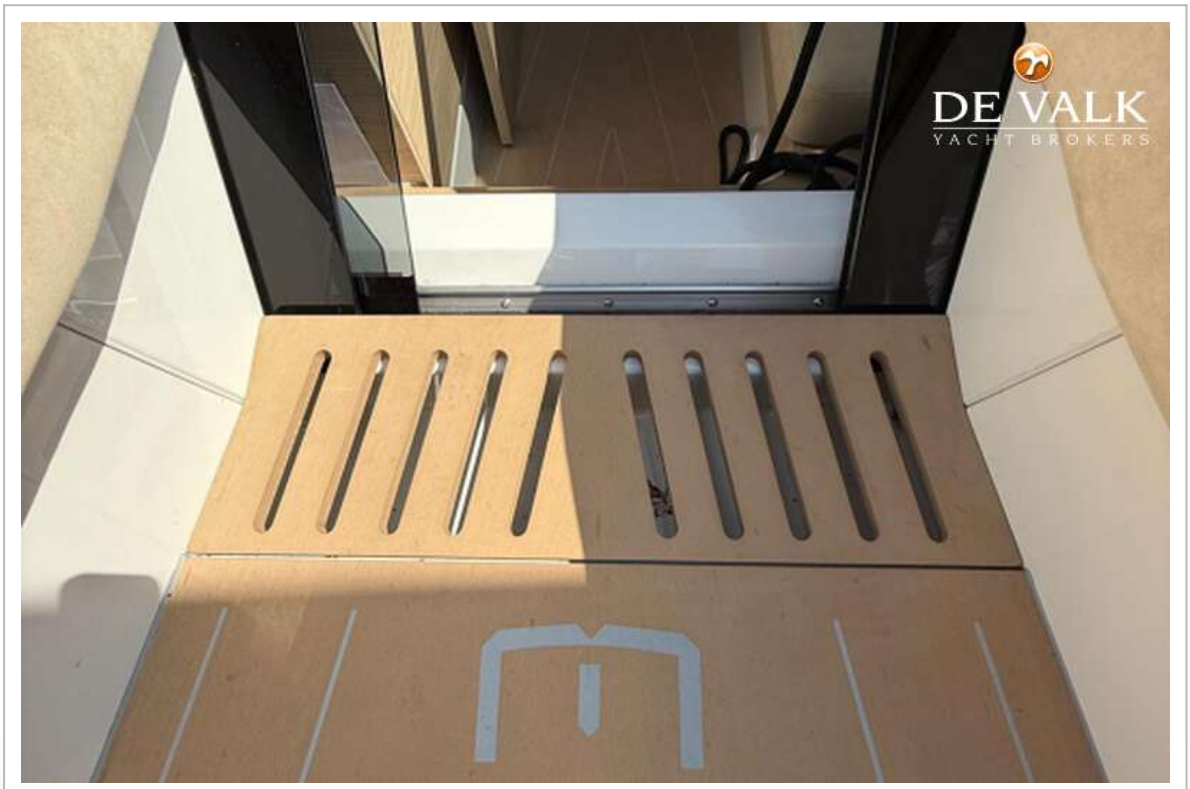

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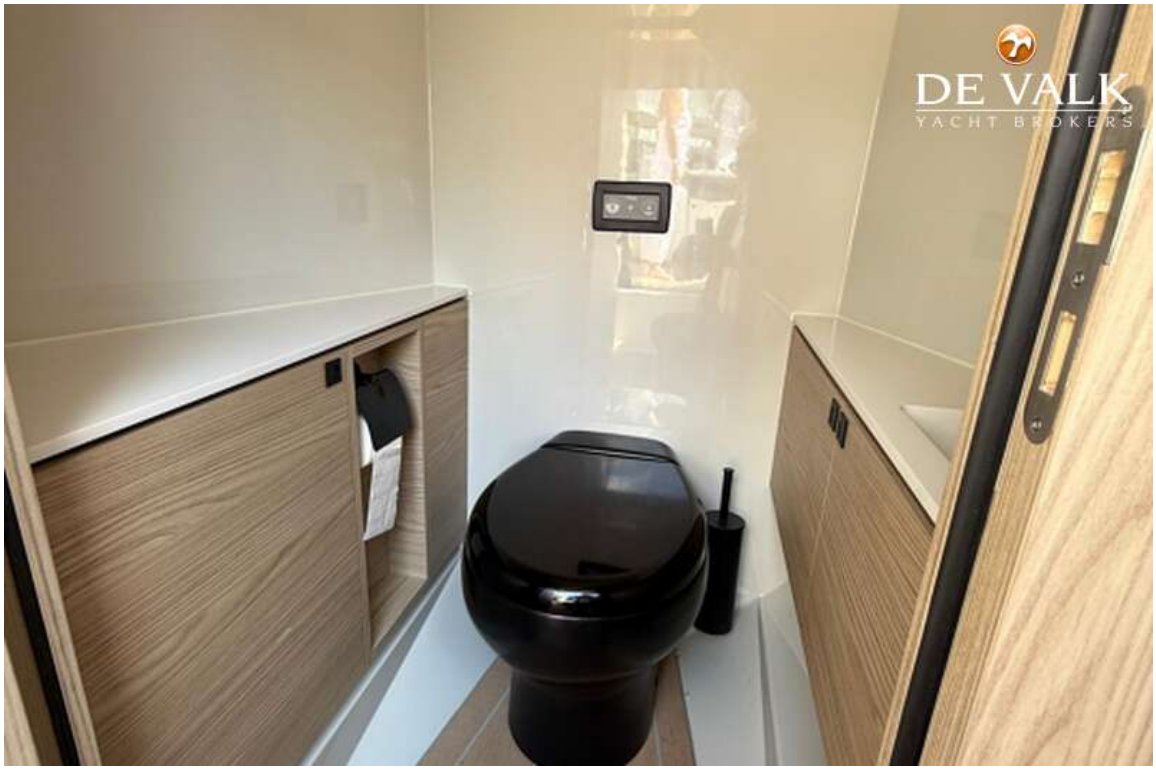

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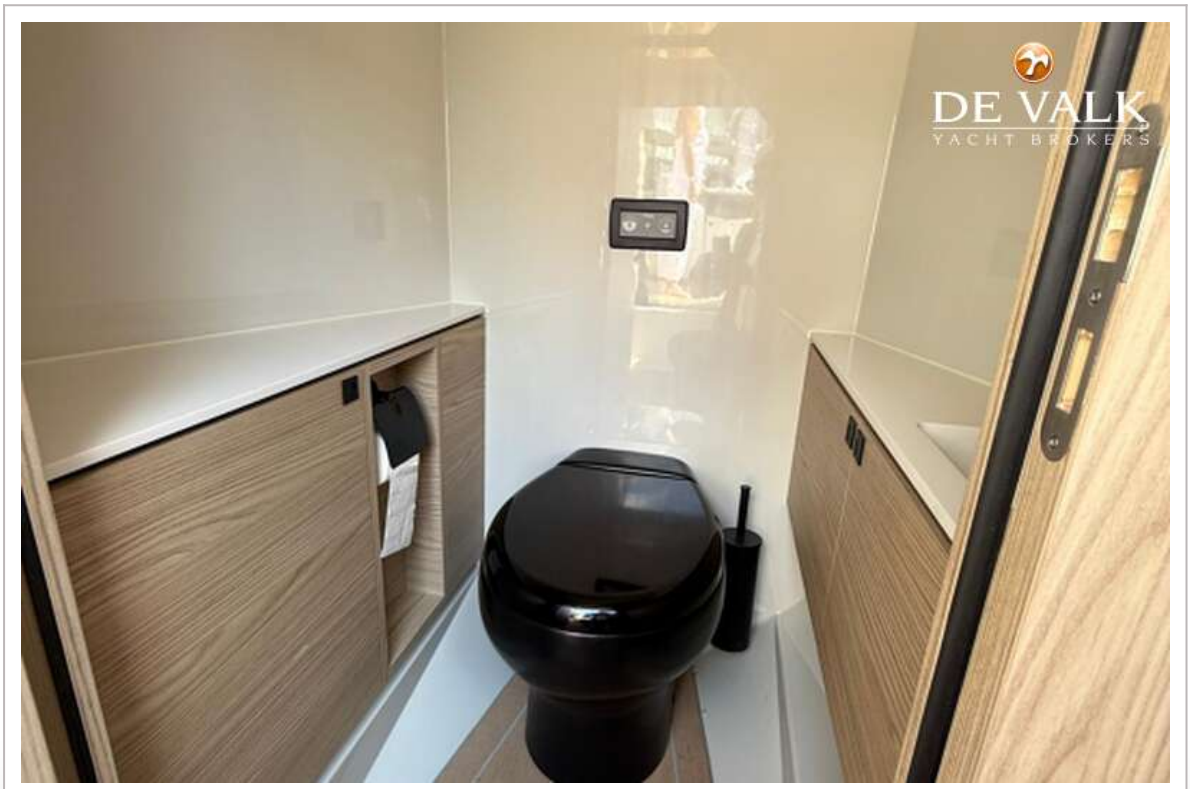



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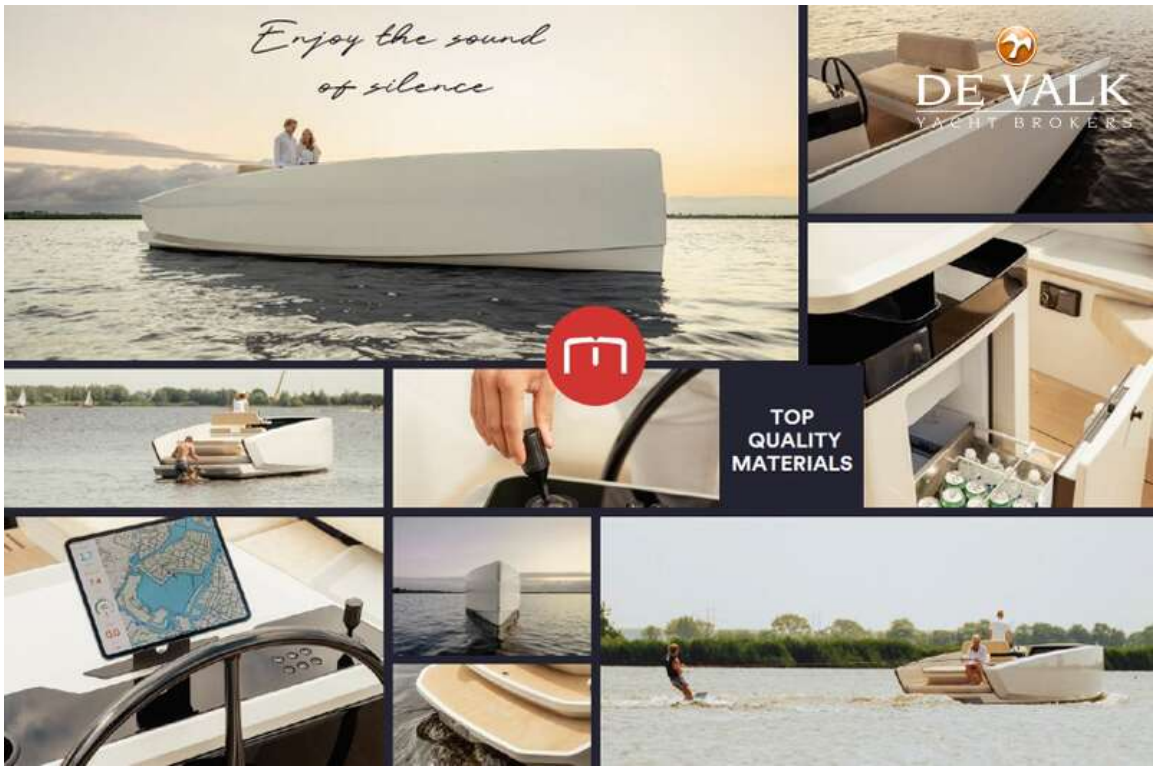
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LUMEN E10 Features
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• Length 10.5 M
• Width 2.9 M
• Draft 0.6 M
• Height 1.60 M
• Weight app. 2800 KG
• Battery 81 KW
• Range 120 - 160 KM
• Max Speed 30-35 KM
• Iconic minimalistic Mulder Naval Architects Design
• Fast-displacement hull by Jaap de Jonge
• Build by JR Yachts in Drachten The Netherlands
• Guest Room
• Performance : 2/3 times better range than the industry average.
New Maritime Experience
At Lumen Yachts, we combine Dutch craftsmanship with cutting-edge electric technology to create yachts that glide silently across the water. experience effortless efficiency, luxury and sustainability with every journey.
EXLUSIVE DESIGN
Sail Further, Sail Smarter
Discover the power of Lumen Yachts, where advanced battery systems and optimized hull designs allow you to travel two to three times further than conventional electric yachts. Embrace new standards in comfort, performance and freedom on the water


DESIGN
• Ultra-modern day cruiser with a minimalistic, bespoke Mulder Design.
• Special JR e-Yachts fast displacement hull, designed for maximum efficiency and range, with high initial stability.
• Length over all: 10.5 m
• Width over all: 2.9 m
• Depth: 0.6 m
• Air draft : 1.6 meter, if with semi-hard-top op 2.0 meter
• Weight Empty: from 2700 kg
• CE category: C , 10 persons
HULL
• High-quality vacuum-infused vinylester with a foam core sandwich construction, ensuring both a strong lightweight and stiff structure, resulting in a smooth and enjoyable ride.
• High-quality gelcoat available in any requested color. Combined with vinylester, it provides lasting durability and a long lifespan
• All hull penetrations for bilge and drainage water are concealed to maintain the minimalist design.
• Swim platform with an integrated foldable ladder and handles for easy boarding.
• Antifouling, for salt or sweet water
OUTFITTING
• Deck, cockpit floor and swimming platform are covered with Esthec teak-look antislip , different colors and designs available
• Pop Up Mooring cleats, 6 pieces
• Fender connectors, 4 pieces
• Ensign base (base for flag pole for national flag on the stern of the boat)
PANTRY & TOILET
• Separate toilet area with dimmable LED lighting and a sink with a water tap.
• Pantry with a storage cabinet for cutlery and a Corian countertop
• Fresh Water system with 60L holding tank
• Black water system with 60L holding tank
COCKPIT & NAVIGATION
• Large steering wheel featuring dual 12-inch touchscreens.
• Cutting-edge throttle/joystick system.
• Comfortable seating area with an ergonomic design
• Cushion set, featuring stitching, made with Sunbrella or comparable quality.
• Two large storage spaces under the seating.
• Additional storage below deck for the cushions
• Self-draining cockpit with gutter and stainless steel discharge scuppers.
• Rubber boarding strip spanning the entire shear line of the boat.
• Electrically adjustable captain's seat for height.
• Orca chart system
STEER BY WIRE & JOYSTICK DOCK
• Programmable sensitivity settings with adjustable turn ratios
• Customizable steering resistance to match personal preferences.
• Auto-center function: steering wheel returns to center position when released, similar to a car steering wheel
• With a single button press, the throttle stick transforms into a 3-axis joystick. One movement of the joystick seamlessly controls both throttle and steering, allowing the boat to move in any direction desired.
• Haptic feedback: the joystick provides tactile feedback to help the captain orient without needing to look at it.
COMFORT
• 65L integrated cool drawer in the dashboard stand
• Marine stereo with 6 speaker Bowers & Wilkins
• LED courtesy lights in the cockpit

ENGINES & BATTERYTRAIN



E10 HV
- High Voltage
- 2 x 40 kW POD drive
  - 81 kWh
- Optional:
  - 109 kWh
- Charger
  - 22 KW



E10 LV
- Low Voltage
- 2 x 12.5kW POD drive
  - 62 kWh
  - 78 kWh
- Charger Options
  - 3.3 kWh
  - 6.6 kWh
  - 9.9 kWh

ELECTRICS



- The shipyard offers first-line service through a 4G connection to the vessel. A 4G SIM service is included for two years by the shipyard.
- Digital control panel switches for pumps and lights etc all operated through the touchscreen
- Automatic bilge pump with manual overwright
- Lithium service battery, 24V
- Fire Extinguisher
- Navigation lights, i.e. Green/red/white, courtesy lights

CONFIGURATION OPTIONS



- COLOR OPTIONS
  - Gelcoat
  - Teak deck
  - Dashboard
- DECK OUTFITTING NORMAL / BLACK LINE
- FABRIC SPECIFICATION CUSHIONS
- INTERIOR COLOR FURNITURE
- TABLE TOP COLOR
- CUSTOM WISHES

SUN & RAIN PROTECT OPTIONS



- Semi Hard Top - Hardtop cover with retractable sun sheet



- Sprayhood - Soft top with boat cover extension



- Sun Awning; 4 poles with shade



ELECTRICAL OPTIONS



- AC power 230V Capacity 3 kW, 2 sockets in the side, 1 double socket in the pantry
- Hot Water Boiler; 40 liter water boiler for warm shower and tap water



- Electric Anchor Sytstem with retractable arm, moves completely into the bow

COMFORT OPTIONS



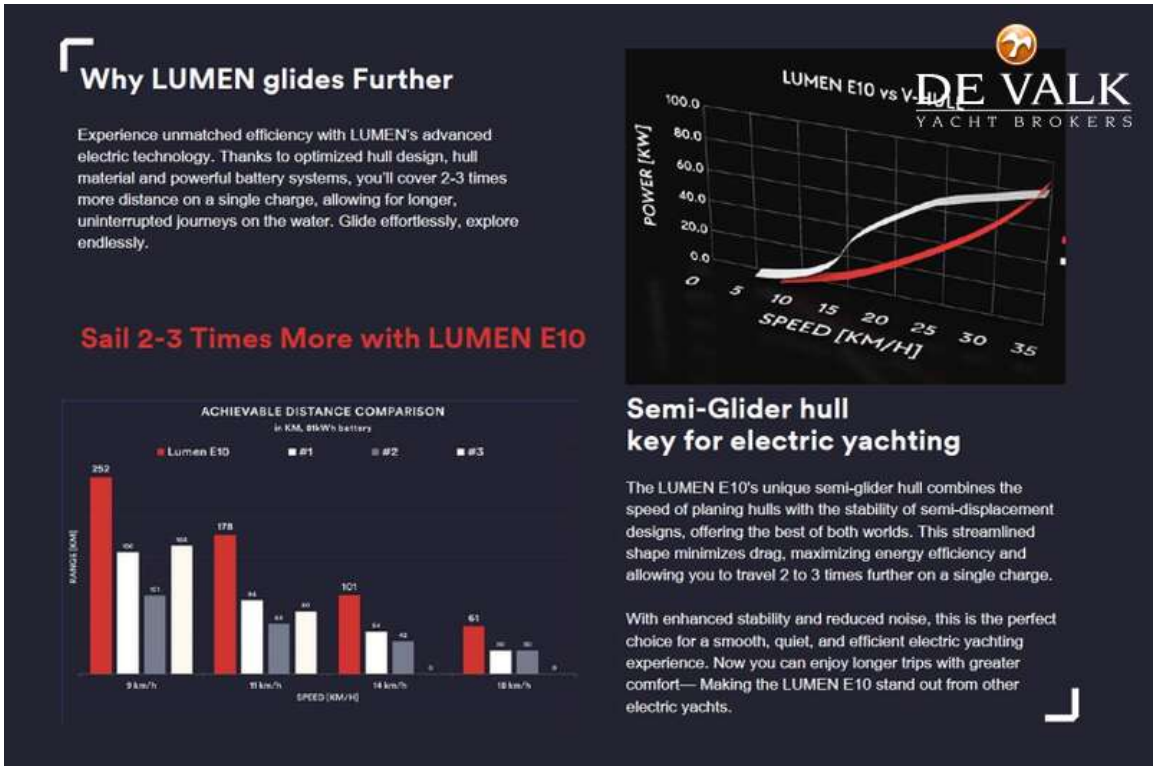
- Water tap and sink in the pantry
- Deck shower; Extandable shower fitted to the stern of the boat just above the swimming platform
- Removable salon tabel between the guest seats
- Warm air; 3 warm air lovers fitted in the back rest of the side benches

AUDIO OPTIONS



- Hidden subwoofer
- 8" high end subwoofer, out of sight, bass through kickspace including monoblock amplifier
- Stereo upgrade to James Speakers
- Complete upgrade of all 6 speakers including subwoofer with amplifier

	E10 HV		E10 LV	
Motor	2 x 40kW POD drive		2 x 12.5kW POD drive	
Nominal Voltage	350 volt		48 volt	
On board charger (AC power supply)	22kW		3.3 kW, (optional 6.6kW, 9.9kW)	
AC inlet boat	CCS		Type 2	
DC inlet boat	CCS		Not applicable	
AC connection options shore	Shuko, CE 16A 1P, CE 16A 3P, CE 32A 3P, type2		Shuko, CE 16A 1P, CE 16A 3P, CE 32A 3P, type 2	
Battery size options	81 kWh	109 kWh	62 kWh	78 kWh
Maximum speed	20 kts	18 kts	10 kts	10 kts
Range (with 4 perons, hours -nautical miles)				
4 kts (city centre, nature)	35 hrs - 140 nm	45 hrs - 182 nm	28 hrs - 112 nm	35 hrs - 140 nm
6 kts (cruising lake)	13 hrs - 83 nm	17hrs - 108 nm	11 hrs - 66 nm	13 hrs - 83 nm
10 kts (swift crossing)	2hrs 40min - 29 nm	3 hrs 30min - 38nm	2 hrs 18min - 23 nm	2hrs 40min - 29 nm
Charging time 20% - 80%				
Shuko, 230V, single phase 16A	15 hrs	20 hrs	12 hrs	14 hrs
CE blue, 230V, single phase 16A	15 hrs	20 hrs	12 hrs	14 hrs
CE red, 380V, three phase, 16A	5 hrs	7 hrs	** 4 hrs	**5 hrs
CE red, 380V, three phase, 32A	2 hrs 30 min	3 hrs 30min	na	na
DC fast - charging - 1C	36 min	36 min	Not applicable	


Why LUMEN glides Further
Experience unmatched efficiency with LUMEN's advanced electric technology. Thanks to optimized hull design, hull material and powerful battery systems, you'll cover 2-3 times more distance on a single charge, allowing for longer, uninterrupted journeys on the water. Glide effortlessly, explore endlessly.
Sail 2-3 Times More with LUMEN E10
ACHIEVABLE DISTANCE COMPARISON
Lumen E10
#1
#2
#3
252
178
101
61
SPEED [KM/H]
LUMEN E10 vs V-HULL
POWER [KW]
SPEED [KM/H]
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Semi-Glider hull
key for electric yachting
The LUMEN E10's unique semi-glider hull combines the speed of planing hulls with the stability of semi-displacement designs, offering the best of both worlds. This streamlined shape minimizes drag, maximizing energy efficiency and allowing you to travel 2 to 3 times further on a single charge.
With enhanced stability and reduced noise, this is the perfect choice for a smooth, quiet, and efficient electric yachting experience. Now you can enjoy longer trips with greater comfort— Making the LUMEN E10 stand out from other electric yachts.


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