



CATALOG

The future of sailing

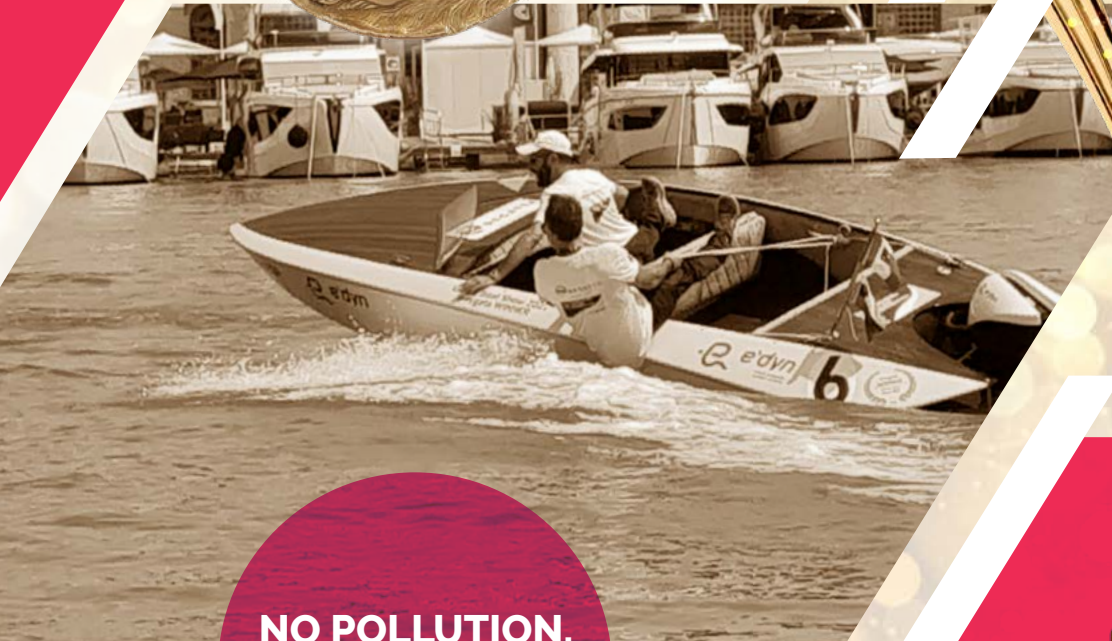




THE ABSOLUTE WINNER IN E-REGATTA, VENEZIA 2021 / 2022 / 2023

- the future of sailing





**NO POLLUTION,
NO NOISE,
JUST JOY!**



**Trofeo
Salone Nautico di Venezia
E -REGATTA 2021**

**Trofeo
Salone Nautico di Venezia
E -REGATTA 2021
1° Classificato I MASTER**

in complete silence

**E'DYN WAS CREATED
WITH ONE THING IN MIND
- THE CUSTOMER.**



HIGHLIGHTS FROM THE E-REGATTA IN VENEZIA



A NEW VICTORY IN E'DYN COLLECTION



E'DYN TEAM AND PRINC ALBERT II. IN MONACO





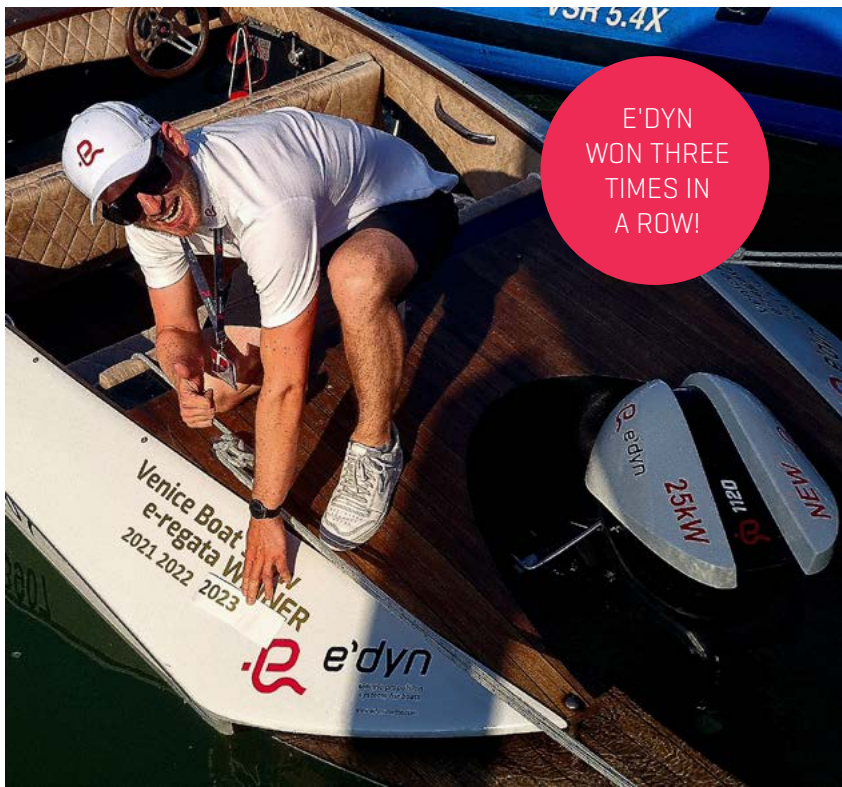
E'DYN TEAM AND HONORARY GENERAL CONSUL MARC LECOURT



E'DYN TEAM AND PRINC ALBERT II. AGAIN IN MONACO

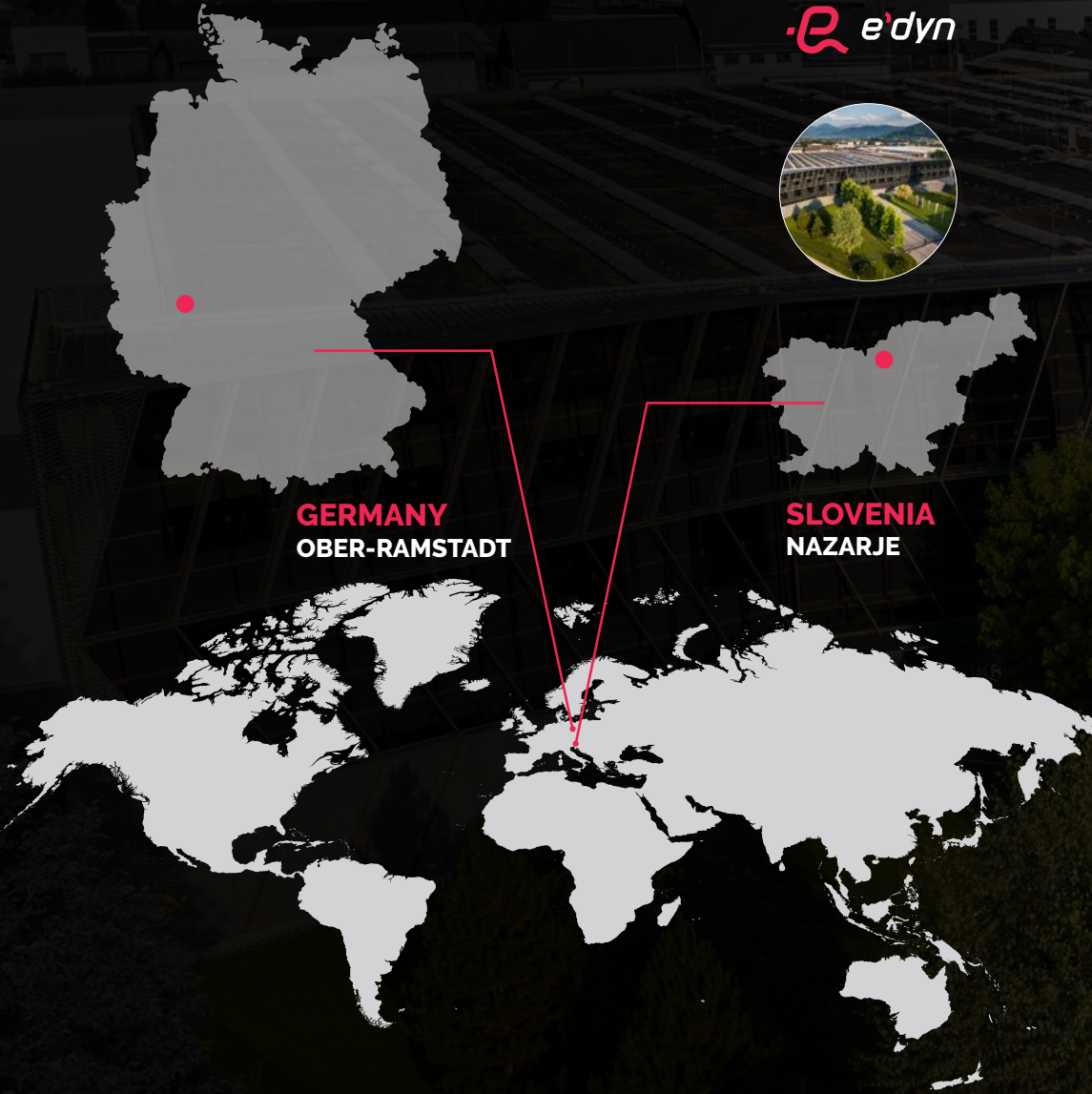
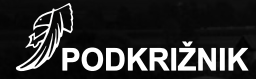


E'DYN ALSO WIN IN MONACO



E'DYN WON THREE TIMES IN A ROW!





GERMANY
OBER-RAMSTADT

SLOVENIA
NAZARJE



PODKRIŽNIK D.O.O.

LOKE 33 / SI-3333 LJUBNO OB SAVINJI / SLOVENIA
PHONE: +386 3 839 15 30 / E-MAIL: INFO@PODKRIZNIK.SI

WWW.PODKRIZNIK.SI

An aerial photograph of a modern building with a prominent glass facade, situated in a lush, green environment. The building's facade is composed of a grid of dark metal frames holding large glass panels. In front of the building is a well-maintained green lawn with several tall, thin flagpoles. A paved road or driveway leads towards the building, bordered by a metal fence. The background shows a dense forest of trees and a mountain range under a cloudy sky. The overall scene is bright and clear, suggesting a sunny day.

home of e'dyn



E'DYN 1120



E'DYN 2035



E'DYN 0204



E'DYN 0408



RATED VOLTAGE	48V	96V	24V	36V
RATED POWER	11 kW	20 kW	1,6 kW	4,3 kW
RPM ON OUTPUT SHAFT	2400	2400	1200	1850
SYSTEM EFFICIENCY	>90%	>90%	85%	88%
RATED CURRENT (A)	220A	220A	92A	92A
WEIGHT	45 kg	45 kg	18 kg	25 kg
DIMENSIONS	670 x 405 x 1151	670 x 405 x 1151	120 x 260 x 550	120 x 260 x 550
TRIM	electric	electric	/	/
WATERPROOF	IP56	IP56	IP67	IP67
PROPELLER SHAFT	Standard	Standard	Flansch propeller	Flansch propeller
SUITABLE BATERIES	Li-Ion or Lead acid	Li-Ion or Lead acid	Li-Ion or Lead acid	Li-Ion or Lead acid

SUITABLE BATERIES

Electric propulsion systems for boats

NO POLLUTION,
NO NOISE,
JUST JOY!

➤ **OUTBOARD**
UP TO 25 KW



- the future of sailing

outboard



E'DYN
0408

36V

4,3 kW

1850

85%

120A

25 kg

116 x 472 x 1130

/

IP67

Standard

Li-Ion or
Lead acid



E'DYN
1018

48V

10 kW

1000

88%

200A

37 kg

551 x 178 x 1140

/

IP67

Standard

Li-Ion or
Lead acid



E'DYN
0408

36V

4,3 kW

1850

85%

120A

38 kg

116 x 472 x 1130

/

IP67

Standard

Li-Ion or
Lead acid



E'DYN
1018

48V

10 kW

1000

88%

200A

47 kg

551 x 178 x 1140

/

IP67

Standard

Li-Ion or
Lead acid

FOR
EVERYDAY USE

Customized.
Durable.
Jumped.

HIGH PERFORMANCE
QUALITY

Optimal. Durable. Economical.

Top notch outboard motors with a power up to 25 kW enable immense pleasures of silence in slow driving or in achieving speed records. Fixed motor mounting makes it easy to use. You can choose between steering wheel or steering lever. It's up to you.

The Sail series engines are designed for sailors who enjoy the silence and fluttering of the flag in the wind. Their movement is ecological and inaudible, as if driven solely by the wind. The Sail series is available from 1.6 kW to 10 kW in the Submersible version.



**E'DYN
1018**

**E'DYN
2040**

**E'DYN
5080**

**E'DYN
100 160**

**E'DYN
150 250**

RATED VOLTAGE	48V	87,6V	216V	360V	432V
RATED POWER	10 kW	20 kW	50 kW	100 kW	150 kW
RPM ON OUTPUT SHAFT	1000	2500	3000	3300	3100
SYSTEM EFFICIENCY	84%	89%	91%	92%	94%
RATED CURRENT (A)	205A	210A	220A	251A	320A
WEIGHT	45 kg	45 kg	75 kg	126 kg	171 kg
DIMENSIONS	620 x 390 x 330	620 x 390 x 330	581 x 431 x 390	580 x 452 x 436	598 x 553 x 413
TRIM	/	/	/	/	/
WATERPROOF	IP55	IP55	IP54	IP54	IP54
PROPELLER SHAFT	Standard	Standard	Standard	Standard	Standard
SUITABLE BATERIES	Li-Ion or Lead acid	Li-Ion or Lead acid	Li-Ion	Li-Ion	Li-Ion

Electric propulsion systems for boats

**NO POLLUTION,
NO NOISE,
JUST JOY!**

**▶ INBOARD
UP TO 350 KW**



**NEW
350 kW
inboard**

in complete silence



**E'DYN
10 kW**

**E'DYN
20 kW**

**E'DYN
T350**

48V	96V	700 V
11 kW	20 kW	350 kW
2400	4600	3600
99%	99%	94%
220A	220A	530A
31 kg	31 kg	205 kg
600 x 300 x 230	600 x 300 x 230	1120 x 694 x 514
N/A	N/A	/
IP55	IP55	IP66
N/A	N/A	Standard
Li-Ion or Lead acid	Li-Ion or Lead acid	Li-Ion

IN COMPLETE
SILENCE

EXTREME
LIGHTNESS

Simple.
Easy.
Economical.

GREEN TRAVEL EXPERIENCE

Advanced.
Responsible.
Surprised.



**E'DYN
LPMR
400**



ROBUST MARINE E-MOTOR
WITH VERY SILNET AND
SMOOTH OPERATION

Maintenance free. 97% efficiency.

NOMINAL POWER	500 kW
SUPPLY VOLTAGE	750-1050 Vdc
MOTOR SPEED	1800 rpm
TORQUE	2654 Nm



Powerful, quiet and reliable outboard motor

Free time

Outboard motor 7,5 kW with
2400 RPM 48V

**NEW
7,5 kW**

**AVAILABLE
IMMEDIATELY**
with the option
of 11 kW open
- PIK 15 kW

**THIS
MOTOR
POWER
DOESN'T REQUIRE
A DRIVING
LICENSE!**

**E'DYN
0715**

IN COMPLETE SILENCE

Simple. Powerful. Jumped.

The new Free time series are extremely light motors with power from 2.8 to 25 kW. The lightness of the engine makes it easy to carry. No spilled gasoline in your car trunk and no dirty hands.

E'DYN WAS CREATED WITH
ONE THING IN MIND
THE CUSTOMER.

RATED VOLTAGE	48V
RATED POWER	7,5 kW
RPM ON OUTPUT SHAFT	2400
SYSTEM EFFICIENCY	90%
RATED CURRENT (A)	150A
WEIGHT	45 kg
DIMENSIONS	670 x 405 x 1151
TRIM	electric
WATERPROOF	IP56
PROPELLER SHAFT	Standard
SUITABLE BATERIES	Li-Ion or Lead acid

outboard

outboard


**E'DYN
1120**

E'DYN
Free Time








e'dyn 1120

Outboard motor 11kW with 2400 RPM 48V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	1120 utboard, water cooled, electric trim, 2400 RPM, 48V	1 pc	45 kg

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 10	1 pc	3,0 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
			14,80 kg






EXTREME
LIGHTNESS

Simple. Easy. Economical.



IN COMPLETE
SILENCE

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-2300 (48V/45A)	1 pc	5,6 kg
	Li-Ion Battery pack 8,1kWh with BMS, dimensions 794x540x205 mm	1 pc	74 kg
	Display 3.5 inch (round)	1 pc	1 kg
	Display 7.0 inch	1 pc	1 kg
	Display 9.0 inch	1 pc	1 kg

outboard


**E'DYN
2035**

E'DYN
Free Time








e'dyn 2035

Outboard motor 25kW with 2400 RPM 96V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	2035 Outboard, water cooled, electric trim, 2400 RPM, 96V	1 pc	45 kg

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	e'dyn Display	1 pc	0,4 kg
	NMEA cable	6 m	1,2 kg
	Main battery charger cable 10	1 pc	3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
			17 kg






EXTREME
LIGHTNESS

Simple. Easy. Economical.



IN COMPLETE
SILENCE

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3300 [96V/3,3kW]	1 pc	5,6 kg
	Li-Ion Battery pack 15kWh, 96V with BMS, dimensions 500x410x290 mm	1 pc	120 kg
	Display 3.5 inch (round)	1 pc	1 kg
	Display 7.0 inch	1 pc	1 kg
	Display 9.0 inch	1 pc	1 kg






E'DYN
Heavy duty










0204 POD e'dyn Acid

Submersible motor 1.6kW – 24V – shaft power 1200 RPM


Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Flange-mounted motor 1.6kW with 1200 RPM and PVC adapter for hull adaptation	1 pc	18 kg
	Folding propeller (2-blade) <small>*Available on request! Not included in the price!</small>	0 pc	/

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 24-48-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main fuse 100A	1 pc	0,4 kg
	Fuse holder	1 pc	0,4 kg
	Holder with shunt	1 pc	0,4 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	Main switch 24-48V DC / 250A	1 pc	/
			49,3 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 36-400 [36V/12A]	1 pc	3,2 kg





E'DYN
Heavy duty

0408 POD e'dyn Acid

Submersible motor 4.3kW – 36V – shaft power 1850 RPM

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Flange-mounted motor 4.3kW with 1850 RPM and PVC adapter for hull adaptation	1 pc	25 kg
	Folding propeller (2-blade) <small>*Available on request! Not included in the price!</small>	0 pc	/

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 24-48-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main fuse 160A	1 pc	0,4 kg
	Fuse holder	1 pc	0,4 kg
	Holder with shunt	1 pc	0,4 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	Main switch 24-48V DC / 250A	1 pc	0,2 kg
			11,3 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 36-400 (36V/12A)	1 pc	3,2 kg




E'DYN

Heavy duty










0205-SM e'dyn Acid

Submersible motor 2.4kW with 1800 RPM 36V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 2.4kW with 1800 RPM	1 pc	23 kg
INCLUDE / 1 PC			
	Fin / Steering arm (Ø 39.2 mm) / Brass tube (bronze) with 2 pcs O-rings and		
	2 pcs plastic bushes / Retainer ring with O-ring milled slot + O-ring		
	(39.2 mm x 5.7 mm) / Holding tube (430 mm long, Ø 39.2 mm)		
	Shaft nut incl. zinc anode and retaining ring / Propeller		

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 24-48-A	1 pc	/
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main fuse 100A	1 pc	0,4 kg
	Fuse holder	1 pc	0,4 kg
	Holder with shunt	1 pc	0,4 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	Main switch 24-48V DC / 250A	1 pc	/
			49,3 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 36-400 (36V/12A)	1 pc	3,2 kg





E'DYN
Heavy duty

0408-SM e'dyn Acid

Submersible motor 4.3kW with 1850 RPM 36V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 4.3kW with 1850 RPM	1 pc	25 kg
	INCLUDE / 1 PC		
	Fin / Steering arm (Ø 40 mm) / Retainer ring w/o O-ring Ø40mm / Holding tube 900mm/Ø40mm / Retainer ring with O-ring 39.2 mm x 5.7 mm / Propeller / Outboard holder		

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 24-48-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main fuse 100A	1 pc	0,4 kg
	Fuse holder	1 pc	0,4 kg
	Holder with shunt	1 pc	0,4 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	Main switch 300	1 pc	0,2 kg
			49,3 kg

Optional


SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 36-400 [36V/12A]	1 pc	3,2 kg




E'DYN
Heavy duty

1018-SM e'dyn Lithium battery
Submersible motor 10kW with 1000 RPM 48V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 10kW with 1000 RPM	1 pc	37 kg
INCLUDE / 1 PC			
Fin / Steering arm (Ø 39.2 mm) / Holding tube 900mm/Ø40mm) / Motor oil Shell (3l) / Outboard holder / Retainer ring with O-ring 39.2 mm x 5.7 mm / Retainer ring w/o O-ring Ø40mm / Propeller / Shaft nut			

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 16	1 pc	5,8 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	BMS with display (battery protection device)	1 pc	4,8
	BMS wire harness	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX standard e'dyn *Opcija (zaščita pred startom prikljopenega čolna na omrežje)	1 pc	2,3 kg
			32,92 kg



E'DYN
Heavy duty

1018-SM e'dyn Acid

Submersible motor 10kW with 1000 RPM 48V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 10kW with 1000 RPM	1 pc	37 kg
	INCLUDE / 1 PC		
	Fin / Steering arm (Ø40mm) / Retainer ring w/o O-ring Ø40mm / Holding tube 900mm/Ø40mm / Retainer ring with O-ring 39.2 mm x 5.7 mm / Motor oil Shell (3l) / Outboard holder / Propeller / Shaft nut		

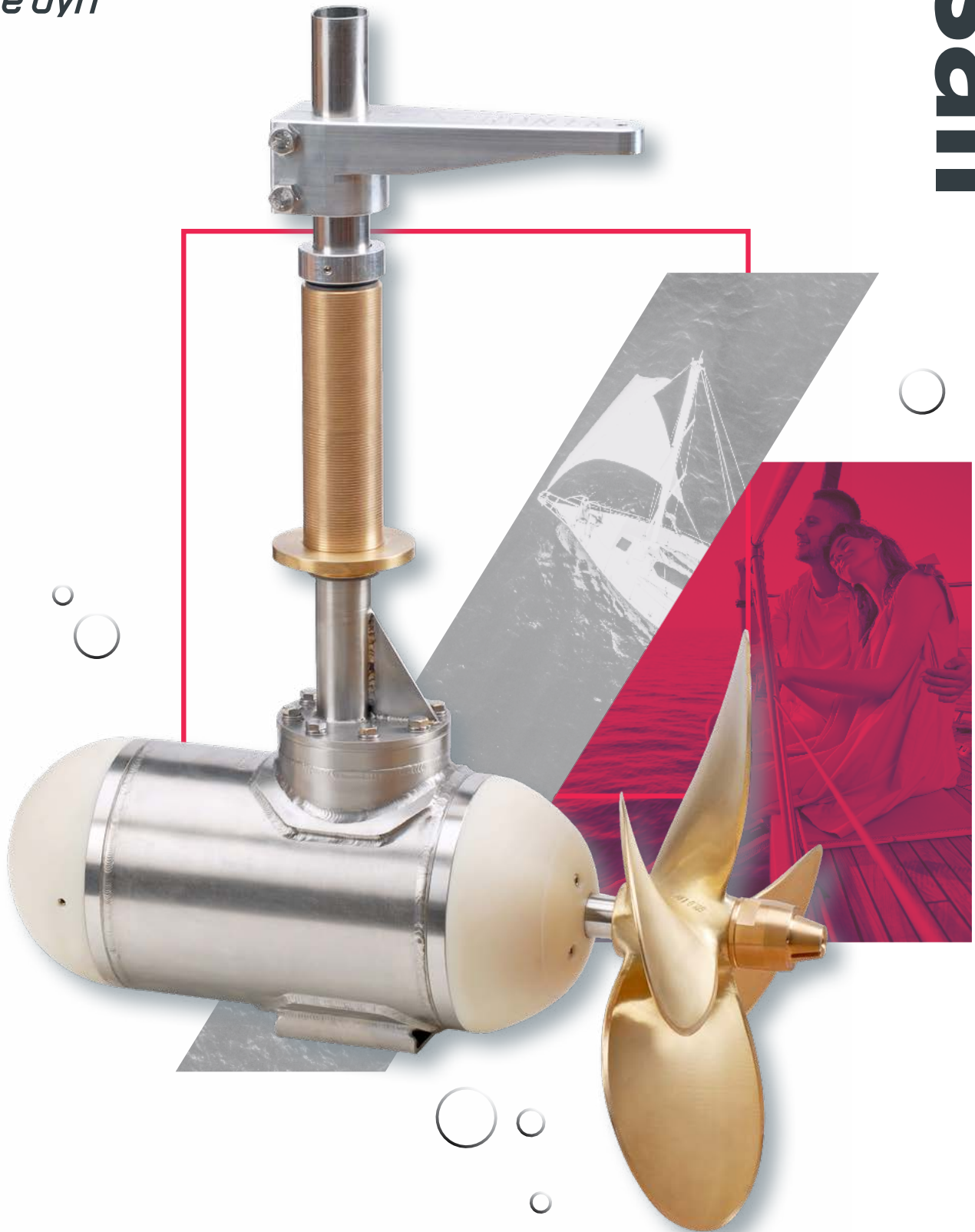
Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 16	1 pc	5,8 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX standard e'dyn *Opcija (zaščita pred startom priklopljenega čolna na omrežje)	1 pc	2,3 kg
			73,8 kg



Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3000 (48V/62,5A)	1 pc	6,6 kg





Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3000 [48V/62,5A]	1 pc	6,6 kg
	Li-Ion Battery pack 10,5kWh, dimensions 500x410x290 mm	1 pc	66,5 kg



E'DYN

Heavy duty

0408-0B e'dyn Acid

Outboard motor 4.3kW with 1850 RPM 36V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 4.3kW with 1850 RPM (rotation per minute)	1 pc	38 kg
	INCLUDE / 1 PC		
	Fin / Cavitation plate with 2 x distance pieces / Steering arm (Ø 40 mm) plastic bushes / Retainer ring with O-ring milled slot Retainer ring with O-ring milled slot (Ø 40) + O-ring (39.2 mm x 5.7 mm) / Retainer ring without O-ring milled slot (Ø 40 mm) / Holding tube (900 mm long, Ø 40 mm) / Propeller / Outboard holder with end cap / Shaft nut incl. zinc anode and retaining ring		

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 24-48-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main fuse 160A	1 pc	0,4 kg
	Fuse holder	1 pc	0,4 kg
	Holder with shunt	1 pc	0,4 kg
	Throttle with cover plate and lever (stainless steel)	1 pc	2,5 kg
	Starter lock (1-pole) with 1 pc key (nr.: 001)	1 pc	0,2 kg
	Main disconnect switch 300A	1 pc	0,2 kg
			53,3 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 36-400 (36V/12A)	1 pc	3,2 kg




SOTOPORTEGO DE
LE OSTREGHE

**E'DYN
1018**

E'DYN
Heavy duty
1018-OB e'dyn Lithium battery
Outboard motor 10kW with 1000 RPM

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 10kW with 1000 RPM	1 pc	47 kg
INCLUDE / 1 PC			
Fin / Steering arm Ø40mm] / Retainer ring w/o O-ring Ø40mm / Holding tube			
900mm/Ø40mm / Retainer ring with O-ring 39.2 mm x 5.7 mm / Motor oil Shell			
[3] / Outboard holder / Propeller / Shaft nut			



E'dyn offers a complete system consisting of engine, discharge, controller, lithium batteries.














**E'DYN WAS CREATED WITH ONE THING IN MIND
- THE CUSTOMER.**

HIGH PERFORMANCE **QUALITY**



Optimal. Durable. Economical.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 16	1 pc	5,8 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	BMS with display (battery protection device)	1 pc	4,8
	BMS wire harness	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX standard e'dyn <i>*Opcija (zaščita pred startom priklapljenega čalna na omrežje)</i>	1 pc	2,3 kg
			32,92 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3000 (48V/62,5A)	1 pc	6,6 kg
	Li-Ion Battery pack 10,5kWh, dimensions 500x410x290 mm	1 pc	66,5 kg

**E'DYN
1018**

E'DYN
Heavy duty

1018-OB e'dyn Acid battery
Outboard motor 10kW with 1000 RPM 48V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Submersible motor 10kW with 1000 RPM	1 pc	47 kg
	INCLUDE / 1 PC		
	Fin / Steering arm Ø40mm / Retainer ring w/o O-ring Ø40mm / Holding tube		
	900mm/Ø40mm / Retainer ring with O-ring 39.2 mm x 5.7 mm / Motor oil Shell		
	[3] / Outboard holder / Propeller / Shaft nut		

Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-A	1 pc	5,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 16	1 pc	5,8 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX standard e'dyn <i>*Opcija (zaščita pred startom priklapljenega čalna na omrežje)</i>	1 pc	2,3 kg
			26,8 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3000 [48V/62,5A]	1 pc	6,6 kg



LV.53907

M-5.2



CONCEPT V





E'DYN

Heavy duty

1018-IN e'dyn Lithium battery

Shaft motor PMSM 10kW with 1000 RPM 48V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 10kW with 1000 RPM (rotation per minute)	1 pc	45 kg
INCLUDE / 1 PC			
Motor temperature sensor cable [2-pole] / Retaining feet [4pcs] / Water pump /			
Axle flange [2pcs] / Shaft flange [1pc] / Hose 1/2" Ø14mm [4m] / Hose clips [6pcs]			









Valid from 1.1.2024 / The purchase of a motor is only possible by purchasing a system. / We reserve the right to technical and spelling errors.

EXTRAORDINARY
POWER AND DYNAMICS






Lively. Strong. Surprising.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-W	1 pc	5,4 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Main battery charger cable 16	1 pc	5,8 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-300	1 pc	2,7 kg
	BMS wire harness	1 pc	1,2 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	Battery protection modul	1 pc	0,12 kg
	Main switch 250	1 pc	0,2 kg
	Cooling pump distribution box	1 pc	0,8 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX single e'dyn <i>*Opcija (zaščita pred startom priklapljenega čalna na omrežje)</i>	1 pc	4,5 kg
			87,5 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery Charger 48-3000 [48V/62,5A]	1 pc	6,6 kg
	Li-Ion Battery pack 10,5kWh [1pcs 14S/72P], dimensions 500x410x290 mm	1 pc	66,5 kg
	Li-Ion Battery pack 11,6kWh [1pcs 14S/80P], dimensions 500x410x290 mm	1 pc	73,2 kg
	Li-Ion Battery pack 13,1kWh [1pcs 14S/90P], dimensions 500x410x290 mm	1 pc	81,6 kg
	Li-Ion Battery pack 14,6kWh [1pcs 14S/100P], dimensions 500x410x290 mm	1 pc	90 kg






E'DYN
Heavy duty

2040-IN e'dyn Lithium battery
Shaft motor PMSM 20kW with 2500 RPM 72V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 20kW with 2500 RPM (rotation per minute) – wather-collod	1 pc	45 kg
	INCLUDE / 1 PC		
	Motor temperature sensor cable [2-pole] / Retaining feet [4pcs] / Water pump /		
	Axle flange [2pcs] / Shaft flange [1pc]		

















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GREEN TRAVEL
EXPERIENCE






Advanced. Responsible. Surprised.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 48-280-W	1 pc	5,4 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Control unit 440-3300	1 pc	5,8 kg
	DC-DC Converter KOP36-106V-13, 7V	1 pc	/
	Board battery charger 12-100	1 pc	1,3 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	BMS wire harness	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Alarm edyn (water and smoke sensor)	1 pc	1,2 kg
	Main switch 400	1 pc	5,5 kg
	Cooling pump distribution box	1 pc	0,8 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX single e'dyn <i>*Opcija (zaščita pred startom priklapljenega čolna na omrežje)</i>	1 pc	4,5 kg
			39,72 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery charger 100-3300 (100V/40A)	1 pc	6,6 kg
	Li-Ion Battery pack 10,5kWh (1pcs 14S/72P), dimensions 500x410x290 mm	1 pc	66,5 kg
	Li-Ion Battery pack 11,6kWh (1pcs 14S/80P), dimensions 500x410x290 mm	1 pc	73,2 kg
	Li-Ion Battery pack 13,1kWh (1pcs 14S/90P), dimensions 500x410x290 mm	1 pc	81,6 kg
	Li-Ion Battery pack 14,6kWh (1pcs 14S/100P), dimensions 500x410x290 mm	1 pc	90 kg



E'DYN 4070


E'DYN

Heavy duty

4070-IN e'dyn Lithium battery

Shaft motor PMSM 40kW with 2600 RPM 216V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 40kW with 2600 RPM (rotation per minute) – wather-colled	1 pc	66,5 kg
INCLUDE / 1 PC			
Motor temperature sensor cable [2-pole] / Retaining feet [4pcs] / Water pump /			
Axle flange [2pcs] / Shaft flange [1pc] / Hose ½" Ø14mm [4m] / Hose clips [6pcs]			









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HIGH PERFORMANCE QUALITY






Optimal. Durable. Economical.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 370-280-W	1 pc	17,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Control unit 440-3300	1 pc	5,5 kg
	Board battery charger 12-100	1 pc	1,3 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	BMS wire harness (battery protection device)	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Alarm e'dyn (water and smoke sensor)	1 pc	1,2 kg
	DC-DC converter 12-285	1 pc	2,3 kg
	Main switch 400	1 pc	5,5 kg
	Cooling pump distribution box	1 pc	0,8 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX single e'dyn <i>*Opcija (zaščita pred startom priklapljenega čalna na omrežje)</i>	1 pc	4,5 kg
			54 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery charger 440-3300 [440V/10A]	1 pc	5,6 kg
	Li-Ion Battery pack 45,1kWh [3pcs 20S/72P], dimensions 500x410x290 mm	3 pcs	277,5 kg
	Li-Ion Battery pack 50,1kWh [3pcs 20S/80P], dimensions 500x410x370 mm	3 pcs	306 kg
	Li-Ion Battery pack 56,3kWh [3pcs 20S/90P], dimensions 500x410x370 mm	3 pcs	342 kg
	Li-Ion Battery pack 62,6kWh [3pcs 20S/100P], dimensions 500x410x370 mm	3 pcs	378 kg




E'DYN

Heavy duty

5080-IN e'dyn Lithium battery

Shaft motor PMSM 50kW with 3000 RPM 216V

Motor

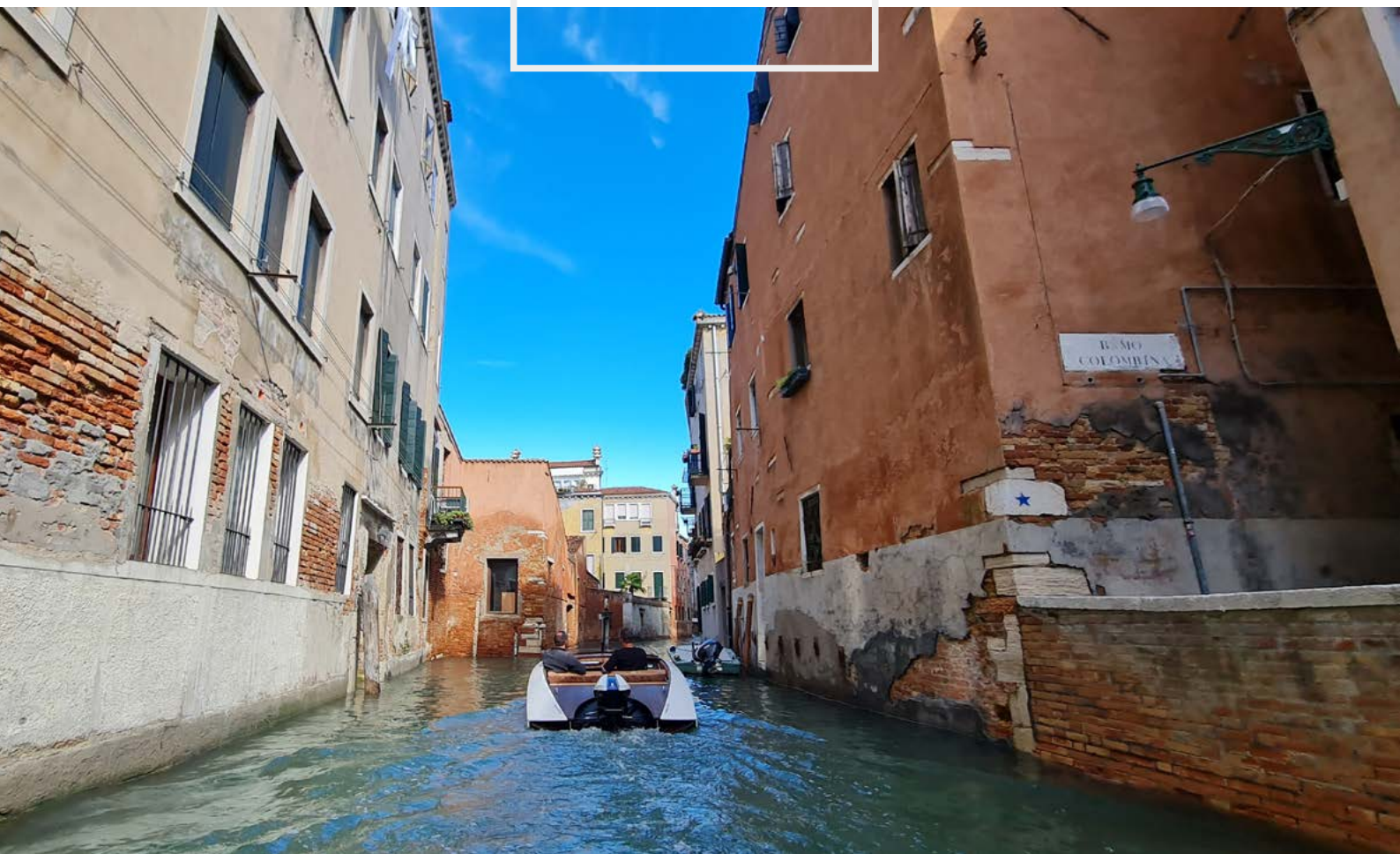
SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 50kW with 3000 RPM (rotation per minute)	1 pc	75 kg
INCLUDE / 1 PC			
Motor temperature sensor cable (2-pole) / Retaining feet (4pcs) / Water pump /			
Axle flange (2pcs) / Shaft flange (1pc) / Hose ½" Ø14mm (4m) / Hose clips (6pcs)			

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FOR
EVERYDAY USE








Customized. Durable. Jumped.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 370-280-W	1 pc	17,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Control unit 440-3300	1 pc	5,5 kg
	Board battery charger 12-100	1 pc	1,3 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	BMS wire harness (battery protection device)	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Alarm e'dyn (water and smoke sensor)	1 pc	1,2 kg
	DC-DC converter 12-285	1 pc	2,3 kg
	Main switch 400	1 pc	5,5 kg
	Cooling pump distribution box	1 pc	0,8 kg
	Distribution box	1 pc	4,8 kg
	Throttle arm basic e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX single e'dyn <i>*Opcija (zaščita pred startom priklapljenega čolna na omrežje)</i>	1 pc	4,5 kg
			134,5 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery charger 440-3300 (440V/10A)	1 pc	
	Li-Ion Battery pack 45,1kWh (3pcs 20S/72P), dimensions 500x410x290	3 pcs	277,5 kg
	Li-Ion Battery pack 50,1kWh (3pcs 20S/80P), dimensions 500x410x370	3 pcs	306 kg
	Li-Ion Battery pack 56,3kWh (3pcs 20S/90P), dimensions 500x410x370	3 pcs	342 kg
	Li-Ion Battery pack 62,6kWh (3pcs 20S/100P), dimensions 500x410x370	3 pcs	378 kg





E'DYN

Heavy duty

100160-IN e'dyn Lithium battery

Shaft motor PMSM 100kW with 3300 RPM 360V

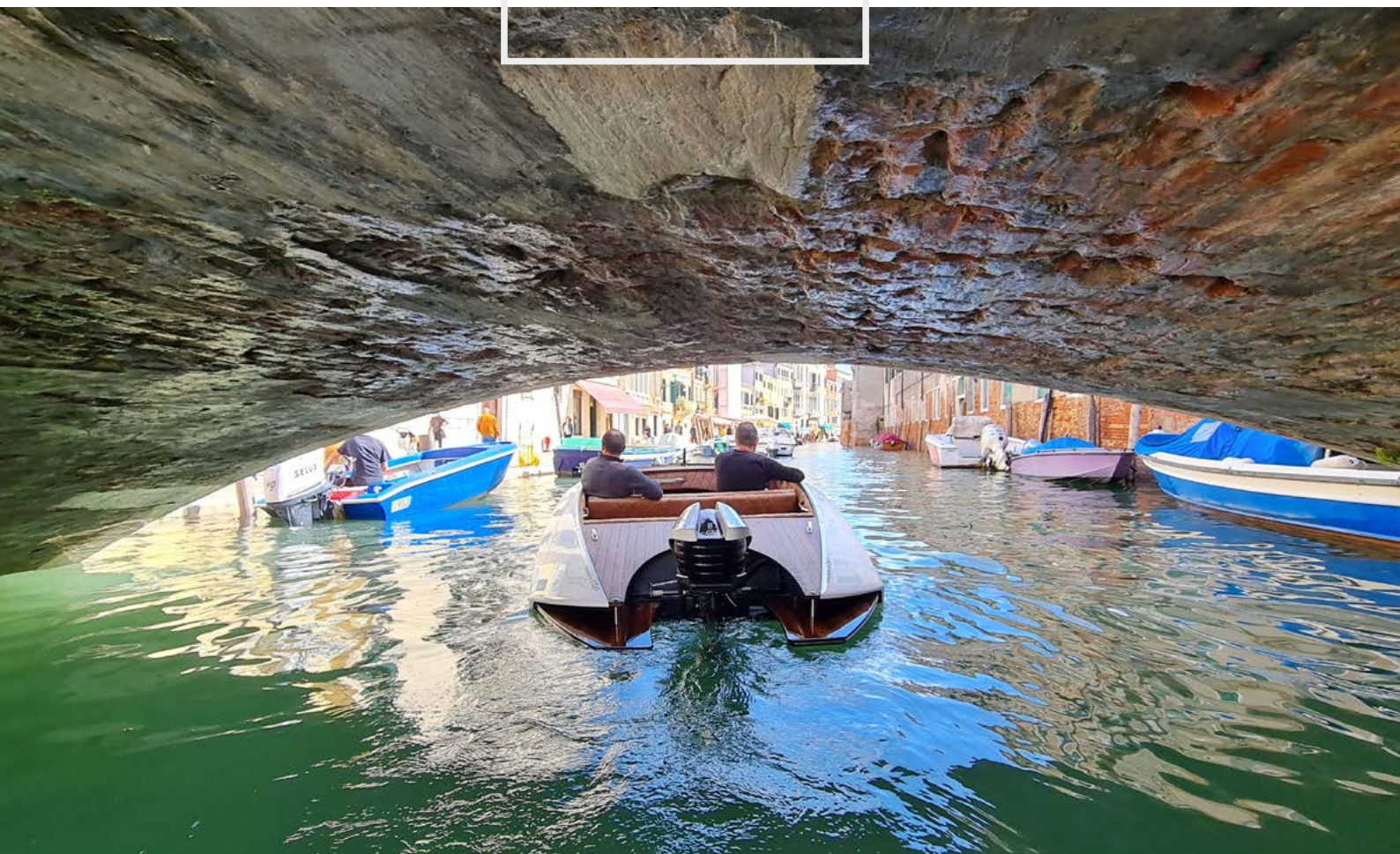
Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 50kW with 3300 RPM (rotation per minute)	1 pc	126 kg
INCLUDE / 1 PC			
Motor temperature sensor cable [2-pole] / Retaining feet [4pcs] / Water pump / Axle flange [2pcs] / Shaft flange [1pc] / Hose ½" Ø14mm [4m] / Hose clips [6pcs]			







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COMPLETELY
GREEN AND ECO







Simple. Powerful. Easy.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 370-280-W	1 pc	17,6 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Overvoltage protection unit 16	1 pc	1,2 kg
	Board battery charger 12-100	1 pc	1,3 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	BMS wire harness (battery protection device)	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Alarm e'dyn (water and smoke sensor)	1 pc	1,2 kg
	DC-DC converter 12-285	1 pc	2,3 kg
	Main switch 400	1 pc	5,5 kg
	Cooling pump distribution box Air cooled	1 pc	5,5 kg
	Distribution box Air cooled	1 pc	5 kg
	Throttle arm advanced e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX double e'dyn	1 pc	5,5 kg
			195,3 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery charger Master 360-3000 (360V/10A)	1 stk.	6,9 kg
	Main Battery charger Slave 360-3000 (360V/10A)	1 stk.	6,9 kg
	Li-Ion Battery pack 75,1kWh (5pcs 20S/72P), dimensions 500x410x290	5 pcs	462 kg
	Li-Ion Battery pack 83,5kWh (5pcs 20S/80P), dimensions 500x410x370	5 pcs	510 kg
	Li-Ion Battery pack 93,9kWh (5pcs 20S/90P), dimensions 500x410x370	5 pcs	570 kg
	Li-Ion Battery pack 104,4kWh (5pcs 20S/100P), dimensions 500x410x370	5 pcs	630 kg




E'DYN

Heavy duty

150250-IN e'dyn Lithium battery

Shaft motor PMSM 150kW with 3100 RPM 432V

Motor

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Shaft motor PMSM 150kW with 3100 RPM (rotation per minute) (water-cooled) (PMSM = permanent magnet synchronous motor)	1 pc	171 kg
	INCLUDE / 1 PC		
	Motor temperature sensor cable [2-pole] / Retaining feet [4pcs] / Water pump /		
	Axle flange [2pcs] / Shaft flange [1pc] / Hose ½" Ø14mm [4m] / Hose clips [6pcs]		

















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EXTRAORDINARY
POWER AND DYNAMICS




Lively. Strong. Surprising.



Components

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Controller 440-520-W	1 pc	5 kg
	e'dyn Display	1 pc	0,4 kg
	Wire harness	6 m	1,2 kg
	Control unit 440-520	1 pc	1,5 kg
	Board battery charger 12-100	1 pc	1,3 kg
	DC-DC converter 12-380	1 pc	1,9 kg
	BMS with display (battery protection device)	1 pc	4,8 kg
	BMS wire harness (battery protection device)	1 pc	1,2 kg
	Battery protection modul	1 pc	0,12 kg
	Alarm e'dyn (water and smoke sensor)	1 pc	1,2 kg
	Main switch 400	1 pc	5,5 kg
	Cooling pump distribution box Air cooled	1 pc	5,5 kg
	Distribution box Air cooled	1 pc	5,0 kg
	Throttle arm advanced e'dyn	1 pc	2,5 kg
	Starter lock	1 pc	0,2 kg
	FI-BOX triple e'dyn	1 pc	5,5 kg
			225,4 kg

Optional

SIMBOLIC PICTURES	E-COMPONENTS	QUANTITY	WEIGHT
	Main Battery charger Master 500-10000 (500V/20A)	1 pc	11,6 kg
	Li-Ion Battery pack 124,4kWh (6pcs 20S/90P), dimensions 500x410x370	6 pcs	684 kg
	Li-Ion Battery pack 125,2kWh (6pcs 20S/100P), dimensions 500x410x370	6 pcs	756 kg





Internal motors for demanding users



Heavy duty

Shaft motor 350kW
with 3600 RPM



inboard

EXTRAORDINARY POWER AND DYNAMICS

Lively. Strong. Surprising.

The Power motor range represents internal motors with power from 10kW to 350kW. We can also make a motor up to 1700kW to order. We adapted the batteries to the Power series. They provide long operating autonomy with their minimal weight and high power.

OUTPUT POWER (CONTINUOUS)	350 kW
OUTPUT POWER (PEAK)	700 kW
BATTERY VOLTAGE	700 Vdc
TORQUE	930 Nm
MOTOR SPEED	3600 rpm
WEIGHT	205 kg
BELL HOUSING	B/W or SAE 3
COUPLING	SAE z=26 20/40 profile [SAE 11.5" size]
SEAWATER HOSE CONNECTION (INNER)	20 mm
GEARBOX COOLING HOSE (OPTIONAL)	20 mm
MAIN CABLE CONNECTION	4x 120 mm ² [2x B-, 2x B+]
MAIN CABLE CONNECTOR (RECEPTACLE)	2x Amphenol HVSL 1400 series
MAIN CABLE CONNECTOR (PLUG, INCLUDED)	2x Amphenol HVSL 1400 series
CAN COMMUNICATION	5 pin, M12
GND CONNECTION	M6 stud



Internal motors for demanding users

Heavy duty



inboard

EXTRAORDINARY POWER AND DYNAMICS

Lively. Strong. Surprising.

The Power motor range represents internal motors with power from 10kW to 350kW. We can also make a motor up to 1700kW to order. We adapted the batteries to the Power series. They provide long operating autonomy with their minimal weight and high power.

**E'DYN
10 kW**

**E'DYN
20 kW**

RATED VOLTAGE	48V	96V
RATED POWER	11 kW	20 kW
RPM ON OUTPUT	2400	4600
SYSTEM EFFICIENCY	99%	99%
RATED CURRENT	220A	220A
WEIGHT	31 kg	31 kg
DIMENSIONS	60 x 30 x 23	60 x 30 x 23
TRIM	N/A	N/A
WATERPROOF	IP55	IP55
PROPELLER SHAFT	N/A	N/A
SUITABLE BATERIES	Li-Ion or Lead acid	Li-Ion or Lead acid

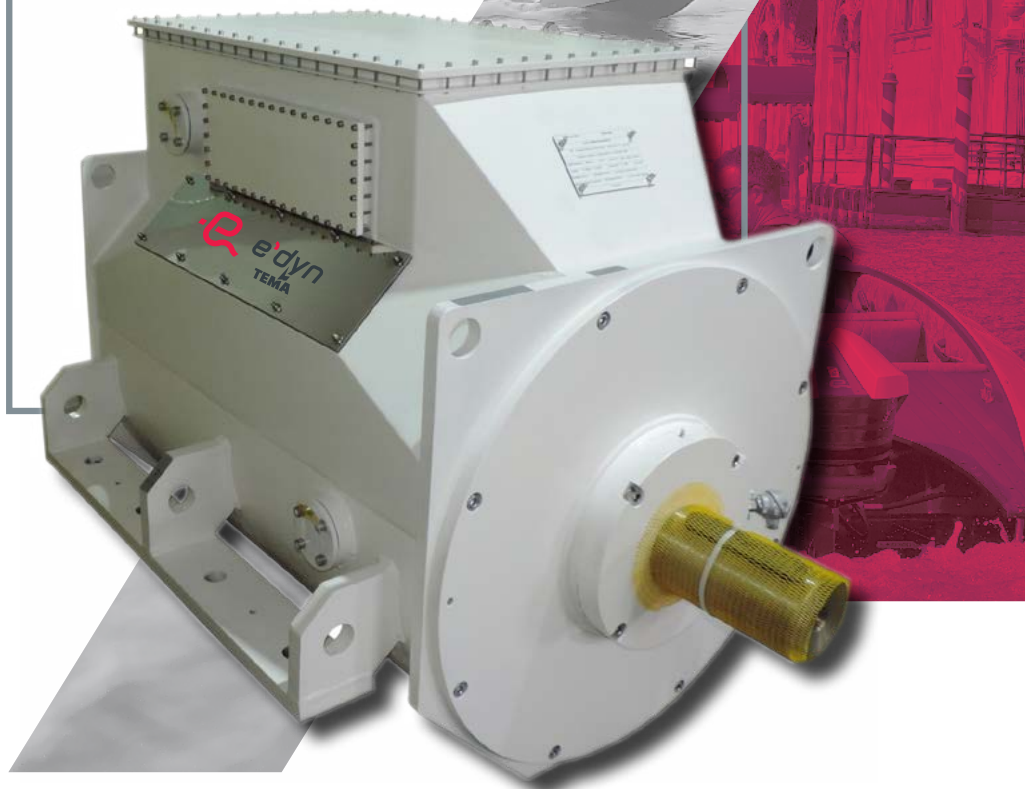


Internal motors for demanding users



Heavy duty

Shaft motor 500kW
with 1800 RPM



inboard

ROBUST MARINE E-MOTOR WITH VERY SILNET AND SMOOTH OPERATION

Maintenance free. 97% efficiency.

Premium efficiency permanent magnet electric motors in nominal power range from 350kW up to 1MW per unit. Their specific reluctance supported design results in very low losses, no vibration and higher output power. Today, these machines are already part of over 300 complex fully electric and hybrid working marine propulsion systems all over the world.

**E'DYN
LPMR
400**

NOMINAL POWER	500 kW
SUPPLY VOLTAGE	750-1050 Vdc
MOTOR SPEED	1800 rpm
TORQUE	2654 Nm

throttle

Internal motors for demanding users



Throttle lever



VERY HIGH PERFORMANCE

Simple. Functional.

FINISH MATERIAL	Anodized aluminium, PA12 with soft touch coating
SUPPLY VOLTAGE	9 - 36 V
POWER RATING	0.7 W - 1.6 W, typically 0.9 W
CONNECTOR	5 pin, M12

COMMUNICATION	CANbus
CAN PROTOCOL	proprietary / J1939 / custom
MOUNTING	Top mount, 4 x M6 bolts
LEVER ANGLE RANGE	+/- 70°
FOOTPRINT DIMENSIONS	119.7 x 143 mm
HEIGHT	169 mm
WEIGHT	1480 g
LIFE EXPECTANCY	> 1.000.000 lever movements, 1.000.000 button presses
USAGE	Indoor / Outdoor
OPERATING TEMPERATURE	-20 - 80 °C
STORAGE TEMPERATURE	-20 - 80 °C

Internal motors for demanding users



display

Display
7" inch



VERY HIGH PERFORMANCE

Simple. Functional.

LCD SIZE	7 inch
RESOLUTION	1024 x 600 px
TOUCH SCREEN	Capacitive touch (glove, wet touch)
SOURCE TREATMENT	Anti glare

BRIGHTNESS	1000 nits
CONTRAST RATIO	1000:1
VIEWING ANGLE	85° [all directions]
SIZE	187.5 x 119.3 mm
DEPTH	58.9 mm [without CAN connector]
THICKNESS (SURFACE MOUNT)	2.9 mm
FLUSH OR SURFACE MOUNT	Yes
CUTOUT (SURFACE MOUNT)	177 x 109 mm
WEIGHT	1240 g
SUPPLY VOLTAGE	7 - 13.5 V
POWER RATING	max 10 W, typically 6.5 W
CONNECTOR	5 pin, M12
COMMUNICATION	CANbus
OPERATING TEMPERATURE	-20 - 80 °C
STORAGE TEMPERATURE	-20 - 80 °C



**E'DYN WAS CREATED WITH ONE THING IN MIND
– THE CUSTOMER.**

Lesarska cesta 10 / SI-3331 Nazarje / Slovenia

Phone: +386 3 839 15 30
E-mail: info@edyn-marine.com

www.edyn-marine.com

