



NAVIWATT

ZENPRO SERIES



ZENPRO SERIES

Performance & robustness

ZenPro 420



ZenPro 580



ZenPro 690



ZENPRO 420

Main characteristics

- ▶ 4.2 m x 2.0 m
- ▶ 375kg equipped
- ▶ Aluminum hull and facilities
- ▶ Ø45 hypalon tubes
- ▶ Iso6185 standards
- ▶ Electric Propulsion / Zero emission
- ▶ 27 km/h (15 knots) top speed
- ▶ 12h autonomy at 7 km/h (4 knots)
- ▶ Fast charge (100% within 2h)
- ▶ Regular charge (100% within 12 h)



ZENPRO 580

Main characteristics

- ▶ 5.8 m x 2.4 m
- ▶ 900kg equipped
- ▶ Aluminum hull and facilities
- ▶ Ø50 hypalon tubes
- ▶ Iso6185 standards
- ▶ Electric Propulsion / Zero emission
- ▶ 45km/h (24 knots) top speed
- ▶ 12h autonomy at 10km/h (5 knots)
- ▶ Fast charge (80% within 45min)
- ▶ Regular charge (100% within 12 hours)



ZENPRO 580

In service at

La Ciotat
Cannes
Monaco
Golfe du Morbihan
Amsterdam



ZENPRO 690

Main characteristics

- ▶ 6.9 m x 2.75 m
- ▶ 1300kg equipped
- ▶ Aluminum hull and facilities
- ▶ Ø55 hypalon tubes
- ▶ Iso6185 standards
- ▶ Electric Propulsion / Zero emission
- ▶ 55km/h (30 knots) top speed
- ▶ 20h autonomy at 10km/h (5 knots)
- ▶ Fast charge (80% within 45 min)
- ▶ Regular charge (100% within 12 hours)



Cabine



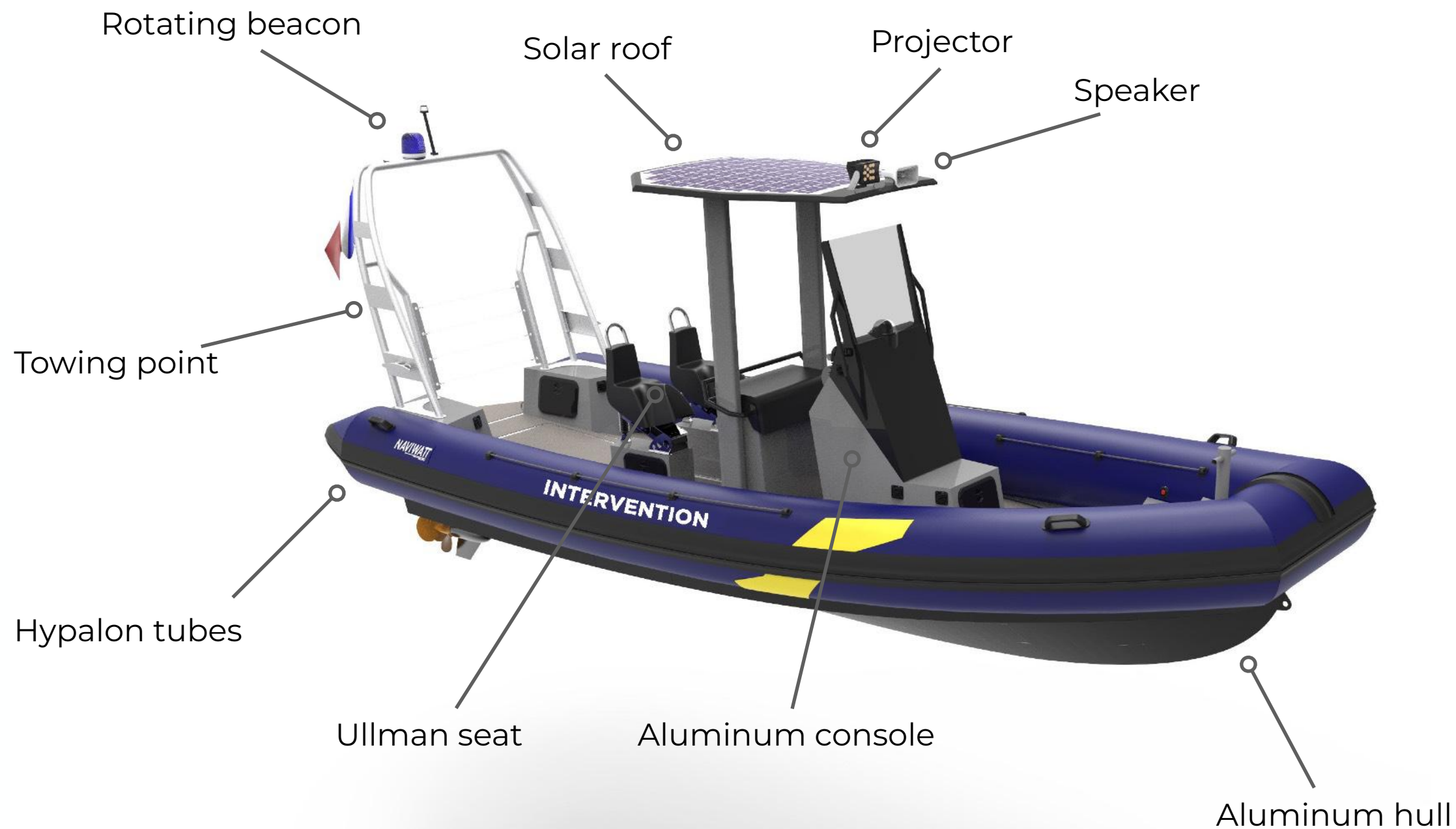
Ouvert



Guest

ZENPRO 690

Open version



ZENPRO 690

Guest version



ZENPRO SERIES

Engines

	ZenPro 420	ZenPro 580	ZenPro 690
Name	Torqueedo Cruise 10	Torqueedo DeepBlue 50	Torqueedo DeepBlue 100i
Power	12 kW (20 HP)	50 kW (80 HP)	100 kW (150 HP)
Voltage	48 V	360 V	360 V
Waranty	1 to 2 years	1 to 2 years	1 to 2 years



ZENPRO SERIES

Batteries

	ZenPro 420	ZenPro 580	ZenPro 690
Name	Torqueedo Power 50	BMW i3	BMW i3
Useable capacity	10 to 20 kWh	42,2 kWh	84,4 kWh
Voltage	44V	350 V	350 V
Weight	75 à 150 kg	289 kg (inc. cooling)	578 kg (inc. cooling)
Chimistry	LMO-NMC	LMO-NMC	LMO-NMC
Waranty	1 à 2 years	1 year 9 years on capacity	1 year 9 years on capacity

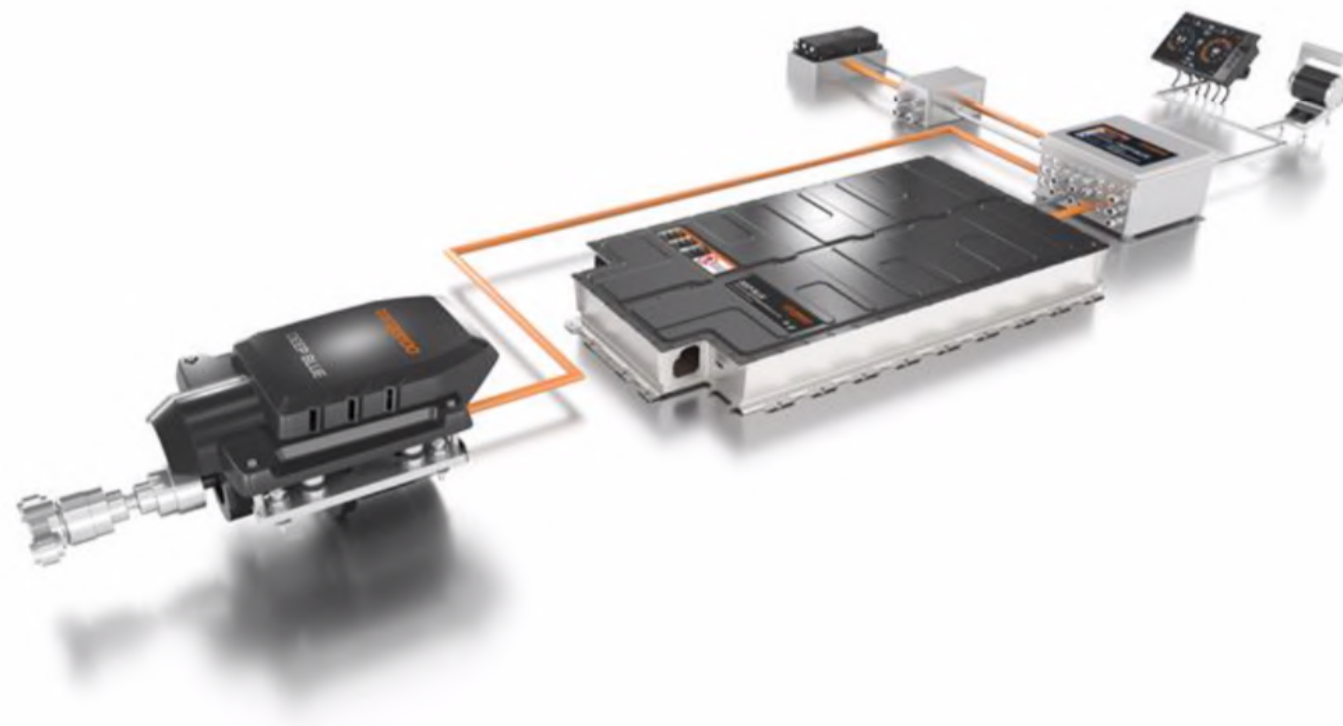


ZENPRO 690

Propulsion system

Clean and efficient :

- > The total efficiency of an electric system is approx. 80% against approx. 30% for a thermic system.
- > It offers silence and less vibration.
- > There is no gaz and no smell.
- > The maintenance is limited (less energy lost, less moving parts).
- > Efficiente monitoring.



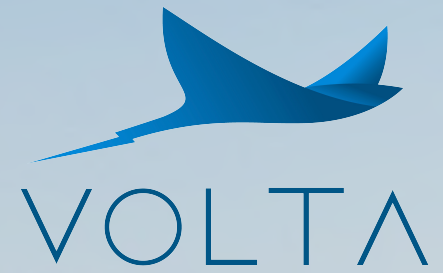
ECOLOGY

The electric vehicle

> 1 L of fuel = 2,28 kg of CO2 emission

	Thermic boat	ZenPro 690
Weight	1138 kg	1465 kg
CO2 emission at production	6,7 t CO2 equ.	10,2 t CO2 equ.
CO2 emission for 10 years use	41 t CO2 equ. (1 800L /year)	1,4 t CO2 equ. (5 400kWh / year)
Total CO2 emissions	47,7 t CO2 equ.	11,6 t CO2 equ (4 x less)





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