

Business

01 Fuel Cell-Based Marine Power Generation Systems
Pure hydrogen-based PEM fuel cell power generation systems. PEM fuel cell power generation systems based on reformed gas from ammonia(NH3).

02 Lithium Battery-Based Marine Propulsion Systems
Marine propulsion systems comprised of lithium-ion batteries, power conversion systems, and power management system

03 Marine PEM Fuel Cell/Lithium-ion Battery Systems
Scalable marine PEM fuel cell and lithium-ion battery systems capable of supplying large amounts of power.

04 Electric Propulsion-Based Small Vessels
Small vessels with propulsion systems that combine various combinations of electric or hybrid electric propulsion.

Philosophy

01 Responsibility
To minimize environmental impact throughout the entire lifecycle of our vessels and lead the sustainable shipping industry.

02 Pioneer
Undeterred by the uncertainties of eco-friendly technology, we pursue innovative leadership through bold R&D investments, market leadership, and the establishment of new industry standards.

03 Harmony
To achieve a harmonious coexistence of cutting-edge technology and nature.

04 Future-oriented
To flexibly respond to increasingly stringent environmental regulations and energy transitions, providing sustainable assets to our customers



World Wide Network Service



HOME | DOMESTIC

■ HEAD OFFICE

158, Daebuljugeo 1-ro, Samho-eup, Yeongam-gun, Jeollanam-do, Republic of Korea (58457)

TEL +82-61-462-7004
FAX +82-51-980-7004
E-MAIL business@vinssen.com
WEB www.vinssen.com

■ GIHEUNG R&D CENTER

#301, 58, Daebuljugeo 1-ro, Samho-eup, Yeongam-gun, Jeollanam-do, Republic of Korea (58457)

■ BUSAN BRANCH OFFICE

#211, 21, Mieumsandan 5-ro 41beon-gil, Gangseo-gu, Busan, Republic of Korea (46744)

GLOBE | OVERSEAS

■ SINGAPORE CORPORATION

9 Straits View, Marina One West Tower, #05-07, Singapore (018937)

■ INDONESIA AGENCY

JAPFA Tower II Floor 12, Jl. Panglima, Sudirman Kav. 66 68, Surabaya, Indonesia
E iqbal.sa_tra@tbmmarine.com

■ MALAYSIA AGENCY

27-1, Jalan Setia Utama AR U13/AR, Seksyen U13, 40170 Shah Alam, Selangor, Malaysia
E ernest@fullpointconcept.com

■ RUSSIA AGENCY

KORPROD, 190121, Russian Federation, St. Petersburg, st. Soyuz Pechatnikov, d.13-15, Lit.A, Room 1-N, of ce 2
E sinwoosik@mail.ru

■ SEATTLE CORPORATION

1730 Minor Ave, Suite 1050, Seattle, WA (98101)
KOSME USA Seattle

■ GREECE AGENCY

Avenue du Bois, L-1251 Luxembourg, Luxembourg
E g.gerassimou@intramare.gr

■ GERMANY AGENCY

Amtsgericht Hamburg - HRB 130486, Hamburg, Germany
E rn@nicomar.eu



Web Page

Eco-friendly Marine Propulsion System

Empowering Maritime Decarbonization through Innovation

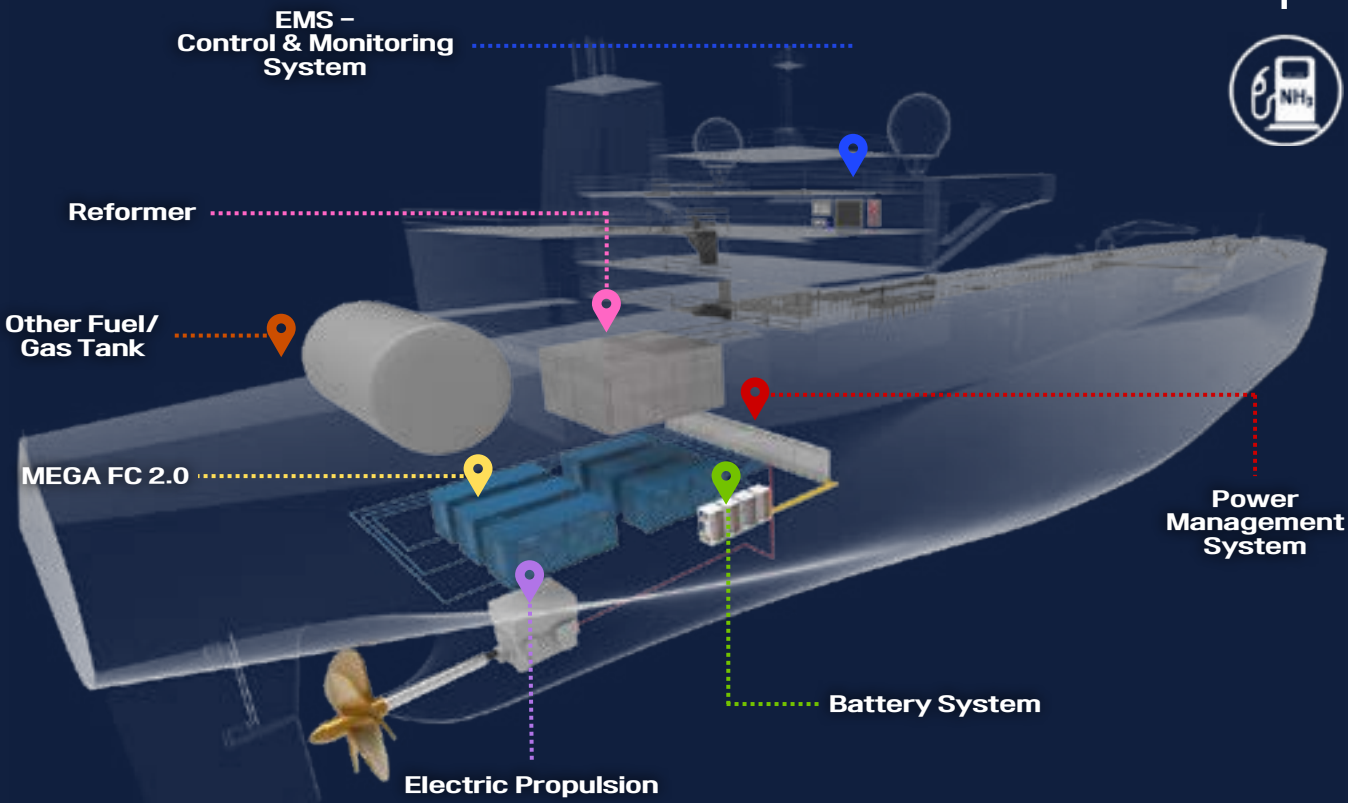
VINSSSEN, a leader in eco-friendly marine mobility, is driving the sustainable maritime industry today with carbon-free energy solutions, delivering real impact for a greener future.



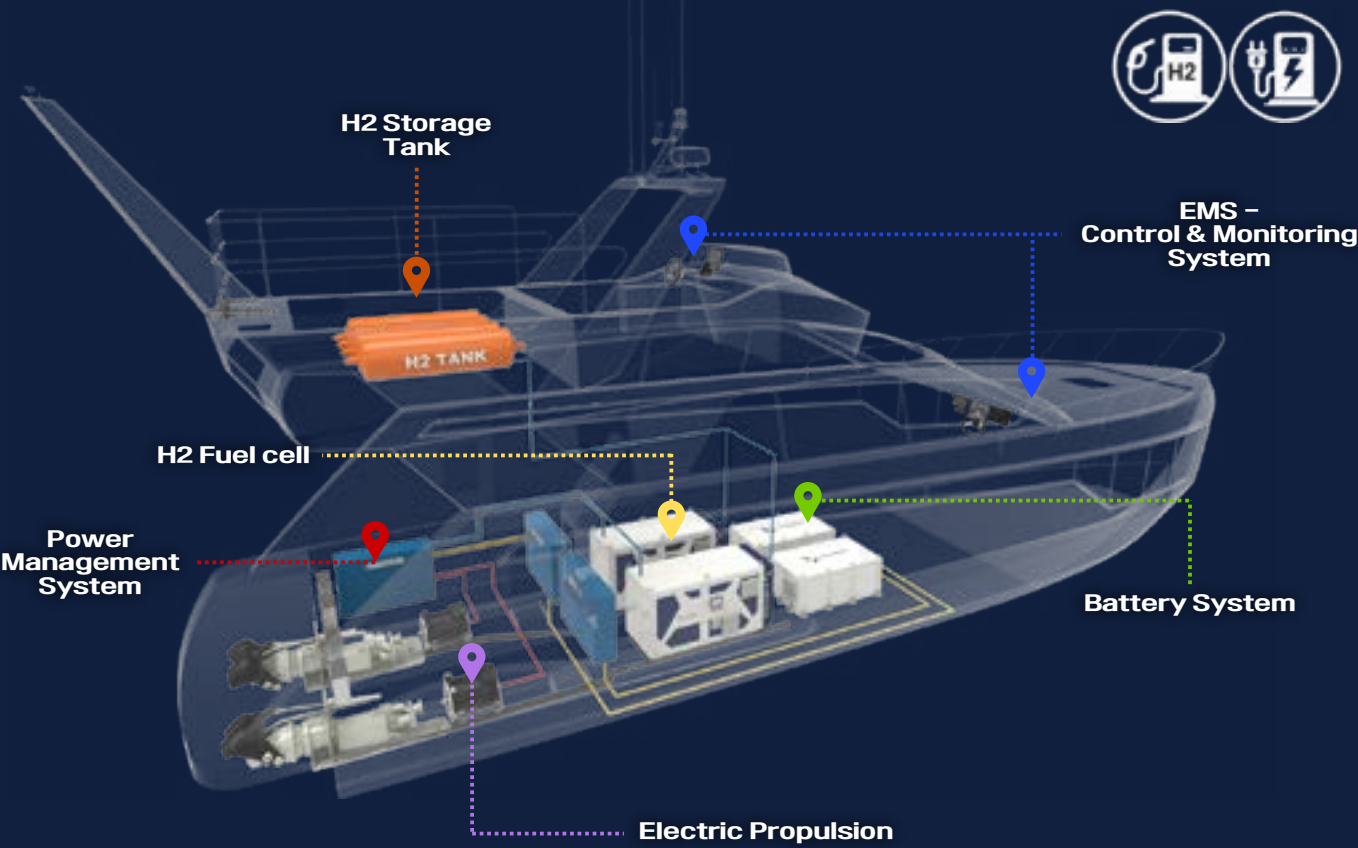
2MW Proton Exchange Membrane Fuel Cell (MEGA 2.0 FC)


VINSSSEN

| Application to Commercial & Special-purpose Vessels



| Application to Small Craft & Leisure Boats



◆ Fuel Cell System for Marine Applications



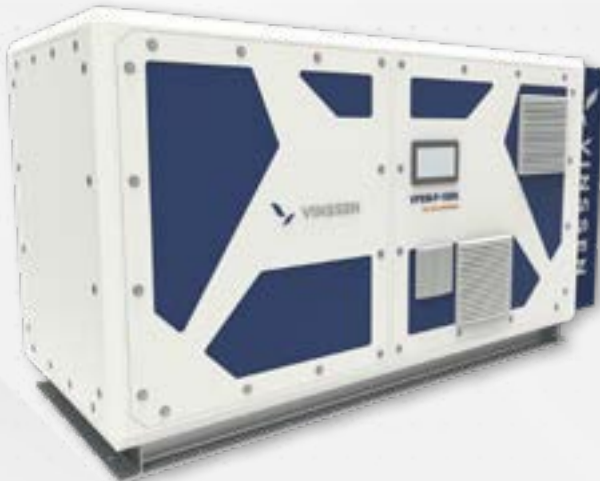
| VPEM-MEGA-2.0

Fuel Type	Hydrogen or Reformed gas	
Rated Power	(kW)	2,000
Size	(WxDxH, m)	6.5 x 3.0 x 2.8
Weight	(ton)	17.5
Classification	KR, ABS, BV	
Start of Prod.	'26 3Q	



| VPEM-250K

Fuel Type	Hydrogen or Reformed gas	
Rated Power	(kW)	250
Size	(WxDxH, m)	1.3 x 0.9 x 2.0
Weight	(ton)	1.3
Classification	KR, ABS, BV	
Start of Prod.	'26 2Q	



| VPEM-100K

Fuel Type	Hydrogen	
Rated Power	(kW)	100
Size	(WxDxH, m)	1.9 x 0.8 x 1.0
Weight	(ton)	0.9
Classification	KR, RINA, ABS	
Start of Prod.	'25 4Q	

◆ High Voltage Battery for Marine Application



| EBLFP-2C (LFP)

Capacity	(kWh)	113.4
Voltage	(V)	567 - 756
C rate	2.0	
Size	(WxDxH, m)	1.00 x 1.07 x 1.98
Weight	(ton)	1.5
Cooling Type	Water Cooling	
Classification	KR, KOMSA	
Start of Prod.	'25 4Q	



| EBLIB480-48X-192V2 (NCA)

Capacity	(kWh)	92
Voltage	(V)	396 - 541
C rate	1.0	
Size	(WxDxH, m)	1.45 x 0.85 x 0.62
Weight	(ton)	0.75
Cooling Type	Air Cooling	
Classification	KR, KOMSA	
Start of Prod.	'23	