

ZERO Pollution

SolarBoat Models & Specifications



Solar Boat



	EM-60	EM-6
Passenger Cap.	50	8-10
Max Speed	10 knots	6.0 knots
Motor Power	80kw	5hp x 2
Battery Cap. / Solar	240kwh	9.6kwh / 2.0 kw
Size	20m x 6.5m x 3.7m	6.0m x 2.3m x 2.6m
Depth	0.85m	0.4m
Draft	850mm	400mm
Weight	40,000kg	800kg
Gross Tonnage	45 ton	1.0 ton
Class	KOMSA	KOMSA



	EM-8	EM-12
Passenger Cap.	16	20
Max Speed	7.0 knots	8.0 knots
Motor Power	5hp x 2	20hp x 2
Battery Cap. / Solar	9.6kwh / 2.8kw	40kwh / 6kw
Size	8.3m x 2.3m x 2.6m	12m x 3.6m x 3.5m
Depth	0.4m	0.6m
Draft	400mm	600mm
Weight	1,700kg	5,000kg
Gross Tonnage	1.7 ton	9 ton
Class	KOMSA	KOMSA

K-Marine's pollution-free solution
for a brighter and cleaner future

E-MARAN

K-Marine Solar Boat

Meticulously designed by K-Marine Co. Ltd.,
the solar boat E-Maran Series uses eco-friendly solar energy
to provide comfortable and safe boating experience



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Zero
No Fuel & Emissions

ZERO Pollution Solar Boat



K-marine is a Korean company that produces and sells highly reliable eco-friendly boats, based on the techniques it has been honing for numerous years in the shipbuilding industry.

Carbon emission is the main cause of global warming. By combining solar cell technology with in-house developed patents, K-Marine Co. Ltd., set out to alleviate the issue by designing & producing eco-friendly boats with no fossil fuel consumption and zero carbon gas emission.

With the oncoming ban on the use of internal combustion engines on inland waters, reduction of carbon footprint, and RE100 trend, K-Marine is pioneering a new market in the ship industry with our solar powered boats that will make boating as whole eco-friendly, contributing to South Korea's economy by developing its water sporting sector.

Advantages of K-Marine Solar Boat



Easy to pilot



Eco-friendly



Economical



Crisp design

ZERO Pollution Solar Boat Lineup



01 Solar E-Maran **EM-20**

EM-20 is a 50 passenger, 100% eco-friendly solar energy sightseeing cruise boat with comfortable cabin environment that offers beautiful view for everyone onboard.



02 Solar E-Maran **EM-6 / EM-8**

E-Maran 6 and 8 offers a pleasant, open view with plenty of cabin space, low noise. Operating on low-speed, it is economical and safe to operate even for beginners or those with little experience.



03 Solar E-Maran **EM-12 / EM-S20**

EM-12 and EM-S20 are finished with cozy interior furnishing and conveniences such as sink and a table, making your R & R on water a more luxurious experience. Two EM-S20 has been commissioned as a government vessel in Suwon Gwanggyo Lake Park, each named after the lakes Wonchon and Shindae.

ZERO FUEL

No fuel cost thanks to **100% solar powered**, self-charging motor

ZERO EMISSION

Eco-friendly thanks to **no carbon emission** and **no secondary pollution**

LOW Noise

Pleasant thanks to drastically **lowered noise and vibration** levels