



MOBIMAR

DC **NECTOR™** 4000

CHARGING CONNECTOR FOR ELECTRIC AND HYBRID VESSELS

MOBIMAR

DC **NECTOR™**

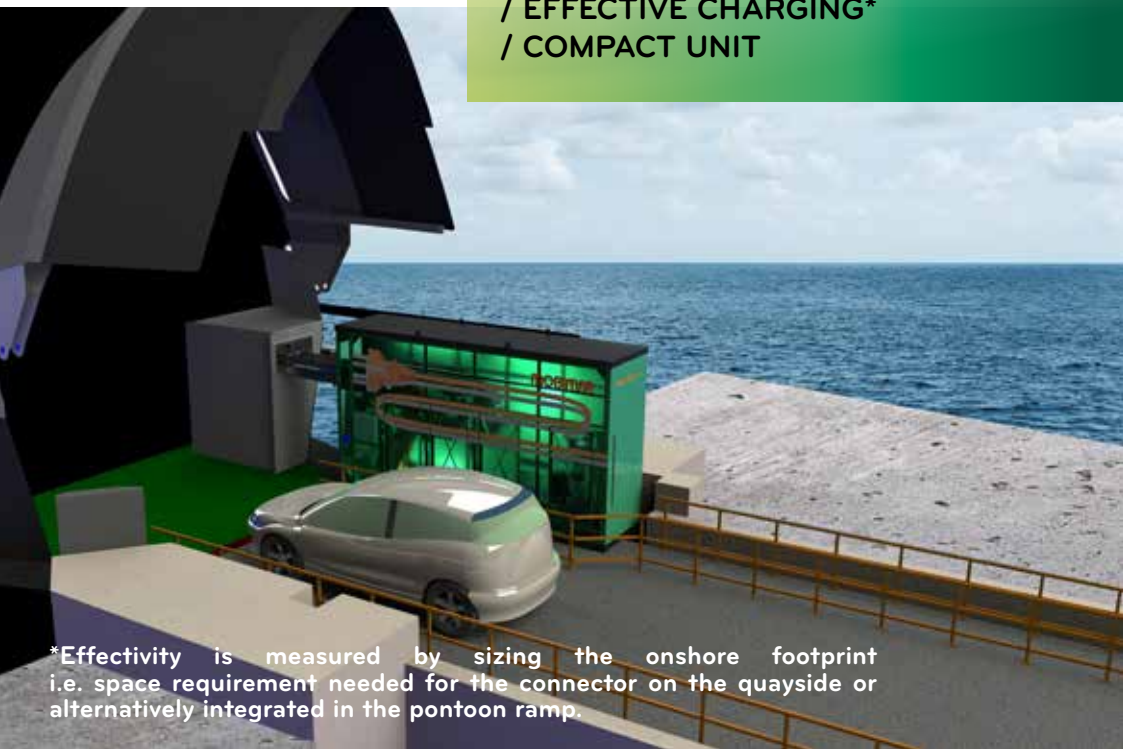
MOBIMAR NECTORS™ are two series of charging connectors for AC and DC systems. They are designed by shipbuilders understanding the naval architectural limitations and the importance of robustness both onboard and at the quayside.

AC and DC Nectors™ are independent push button systems on the bridge allowing crew to allocate their attention elsewhere such as vessel mooring, unloading and loading duties. No additional skills or complex training is required for the users –user interface is designed to be easy to use.

Mobimar Nectors™ are factory tested modular systems that are easy to transport and install either onboard or onshore.

Modularity and simplicity in their design are features ensuring the reliable operation.

- / **RAPID AUTONOMOUS CONNECTION**
- / **EFFECTIVE CHARGING***
- / **COMPACT UNIT**










*Effectivity is measured by sizing the onshore footprint i.e. space requirement needed for the connector on the quayside or alternatively integrated in the pontoon ramp.

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 VOLTAGE ~1000 VDC Nominal	 CURRENT Up to 5760 A Nominal	 CHARGING POWER 4 MW	 CHARGING TIME < 20 Min	 CONNECTION TIME < 30 S
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MOBIMAR DC **NECTOR™ 4000** FEATURES

 POWER DEMAND 400 VAC, 25 Amp	 INTELLIGENT STEERING Machine vision assisted	 INTELLIGENT SAFETY MEASUREMENT Realtime connection joint monitoring Position monitoring against tidal and ship motions	
 GENTLE FORCE ABSORPTION Quick Response	 ACTIVE TIDAL COMPENSATION ± 8° ramp angle deviation	 ACTIVE HEELING COMPENSATION Up to 4°	 SPACE REQUIREMENT Designed to be fitted on a standard ramp

Mobimar Nectors™ Family

is customizable and consists currently following models:

- DC Nector™ 4000 | DC Nector™ 2000
- AC Nector™ 250 | AC Nector™ 125

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FOR FURTHER INFORMATION, PLEASE CONTACT:

Antti Immonen | +358 207 698 500
sales@mobimar.com | mobimar.com