POWERING THE WORLD

KARPOWERSHIP
DELIVERING FAST TRACK RELIABLE ELECTRICITY

www.karpowership.com
### Powership Classes

#### KHAN Class

<table>
<thead>
<tr>
<th>KHAN CLASS</th>
<th>ORCA CLASS</th>
<th>SHARK CLASS</th>
<th>MERMAID CLASS</th>
<th>SEAL CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (MW)</td>
<td>460 - 620</td>
<td>200 - 260</td>
<td>110 - 240</td>
<td>34 - 80</td>
</tr>
<tr>
<td>Lenght (Overall) meter</td>
<td>180</td>
<td>135 - 140</td>
<td>160 - 240</td>
<td>90 - 110</td>
</tr>
<tr>
<td>Breadth (Extreme) meter</td>
<td>55</td>
<td>45 - 50</td>
<td>20 - 32</td>
<td>18 - 22</td>
</tr>
<tr>
<td>Height (Extreme) meter</td>
<td>60 - 65</td>
<td>45 - 60</td>
<td>40</td>
<td>46</td>
</tr>
<tr>
<td>Draft (Moulded) meter</td>
<td>4 - 6</td>
<td>3 - 4</td>
<td>5 - 6</td>
<td>3 - 4</td>
</tr>
<tr>
<td>Self-Propelled</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>On-Board Accommodation (Pax)</td>
<td>40</td>
<td>60</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>Substation Voltage (kV)</td>
<td>100 - 420</td>
<td>100 - 240</td>
<td>70 - 170</td>
<td>36 - 170</td>
</tr>
<tr>
<td>Frequency (Hz)</td>
<td>50Hz / 60Hz</td>
<td>50Hz / 60Hz</td>
<td>50Hz / 60Hz</td>
<td>50Hz / 60Hz</td>
</tr>
</tbody>
</table>

*Extendable up to 760 MW*
POWERISLAND PROVIDE THE PERFECT SOLUTION FOR BRIDGING POWER GAPS.

Powerisland is the game changing solution where the opportunity to generate offshore electricity with LNG, is made possible through attaching a Floating Storage and Regasification Unit (FSRU) to a Powership.

Our new addition to the fleet, the largest Powership in the world, Khan Class Powerships can generate 470 MW on a single vessel and can operate offshore. With no site preparation requirement and utility-size generation capacity, Powerisland provide the perfect solution for bridging power gaps.

Electricity generated will be transmitted to onshore substations through submarine cables and can energize the host country’s grid, as well as a regional power pool with the higher capacity. Now it is easy to make a difference not only in one country’s future but also a continent’s future.

Powerships’ practicality and their all-inclusive nature make them utilities’ number one choice as a solution partner.

POWERSHIPS ARE CAPABLE OF PRODUCING DESALINATED WATER UP TO 10,000 M3 / DAY.

Heat is a by-product of electricity generation of Powerships which supply their own cooling water through the evaporators installed utilising the excess heat.
SIGNIFICANT IN-HOUSE EXPERIENCE

ONE STOP SOLUTION PARTNER

- Project feasibility and planning
- Acquisition of vessel
- Project design and construction of Powership
- Contract signing with the off-taker
- Marine preparation for mooring and berthing of Powership
- Electrical interconnection to evacuate power
- Operation and maintenance crews delivering guaranteed uptime & reliability
- Fuel management providing accurate forecasting & logistic planning
- Availability of full project spares and consumables
- Contract and project management ensuring it is on time and on budget, every time
- Project financing options aligned to end-user and project requirements

Our Powerships are delivered with their own high voltage substations for direct interconnection to local grids.

Operation and maintenance is carried out by the Karpowership team and its highly trained specialist personnel.

Powership capacities range from 30 to 620 MW. Contract capacities range from 30 to several thousand MWs.

Our solution is delivered with Dual Fuel-Reciprocating Engines (Heavy Fuel Oil / Natural Gas).

State of the art waste - heat recovery systems allow for combined cycle operations and desalinated water needs.

Powerships guarantee electricity at the highest fuel efficiency, with the cutting edge technologies. Dual fuel capabilities enable us to operate on heavy fuel oil and natural gas. Karpowership can arrange for environmentally sound low sulphur heavy fuel oil or use locally available natural gas. Based on the requirements of the customer, Karpowership can also utilise natural gas provided by LNG carriers, operating in Powerisland mode.