

# Alternative Maritime Power **AMP**

Provide shore power to vessels at anchor  
Achieve a carbon neutral society

## Significant reduction of exhaust gas and CO2 emissions

The AMP stops the generator engines during port calls and receives necessary power onboard from shore power sources. It significantly reduces environmental pollutants (CO2, Nox, Sox, PM) emitted from vessels.

## Compliant with the international standards IEC/ISO/IEEE80005-1

Stricter emission regulations are in progress at major ports around the world, and active introduction of AMP compliant with IEC standards is underway. JRCS's AMP is available for various types and sizes of vessels as installation is increasingly being considered not only for container vessels but also for ferries and bulk carriers.

## Why JRCS? – Three critical features -

### 1 One-stop service

JRCS completes everything from onboard investigation, proposal, specification preparation, manufacturing, installation supervision, and delivery of the equipment, all by a single company. This significantly reduces the customer's work load and enables speedy installation work.

### 2 Flexible response to diverse needs with a proven record of installations

JRCS has installed AMPs on more than 100 vessels, both newly built and in service. We can handle modifications not only for AMPs but also for related products such as high / low voltage switchboards of other manufacturers.

### 3 Highly reliable after-sales service

JRCS has service stations at major ports around the world, including the United States, Europe, Singapore, and Shanghai, with expert local service engineers on standby. Flexible support is also available for commissioning when vessels connect to ports.

# Product Features

## 1 Movable Type

Install on either the starboard or port

- Shorten the work period through the integration of additionally installed equipment in the container, contributing to early operation
- Easy installation/removal of equipment at the time of vessel route change, thus ideal for modification of vessels in service
- Equipped with cable reel to improve workability and enable shore power receptacle boxes to be placed in the most optimal locations
- Compatible with 55m cable reel on shore side

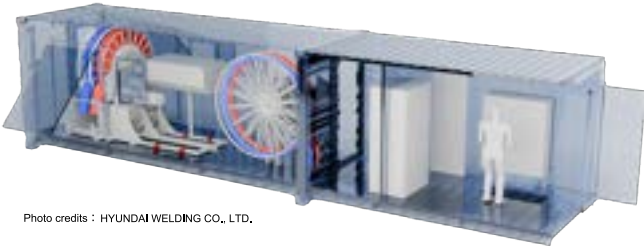


Photo credits : HYUNDAI WELDING CO., LTD.

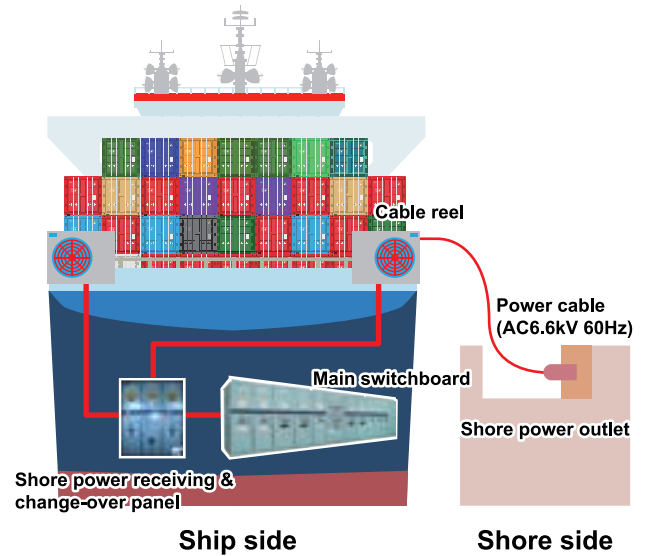
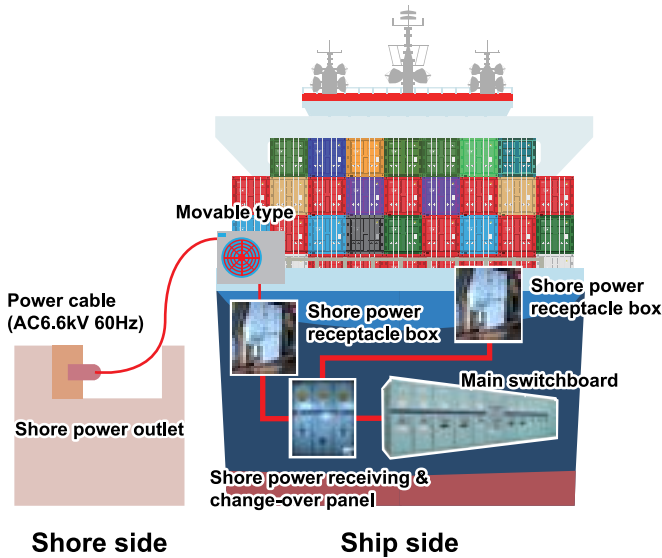
## 2 Customized Enclosure Type

Install fixed to starboard and port

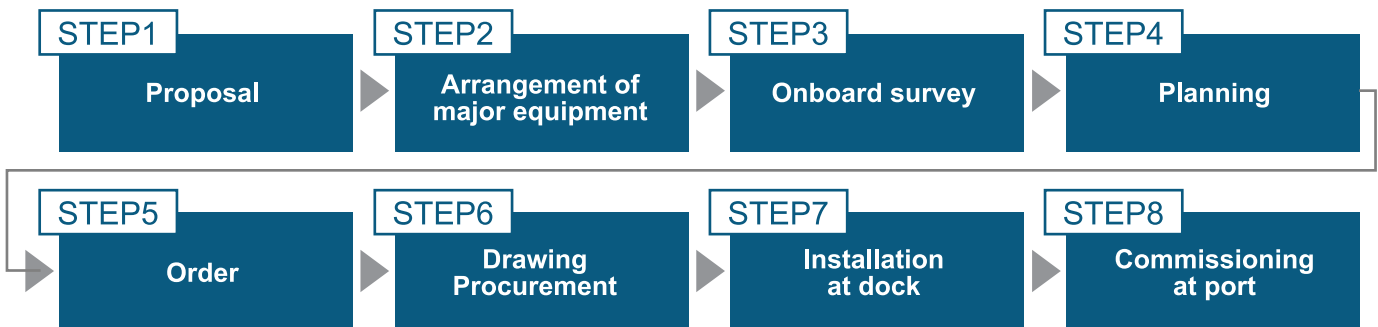
- Minimum preparation time for receiving power
- Drip-proof cover as standard equipment (size customizable)
- No need to move containers to starboard or port due to vessel route changes
- Compatible with 55m cable reel on shore side



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## Steps to Installation



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