

FREQUENCY POWER CONVERTER

About Us

seasoned Electrical & Automation Engineering experts with decades of extensive experience in multi various fields of Land, Marine, Oil & Gas and trading

AMP-SPC SERIES

Amphicos shore-ship power converter allow full operation of the vessels on board electrical system without generators. Equipped with modular design of the SPC input stage. Provides Stable and reliant operation with varying loads. It greatly minimize the uptime of onboard generators of ships. Noiseless operation and low maintenance make it ideal for ports and drydock.



SECTORS WE SERVE



MARINE



OIL & GAS



INDUSTRIES



Features & Specifications

- Fast installation
- Grid connection MV/LV
- Output Voltage: 230V-700V+
- Output frequency: 50Hz/60Hz
- Junction boxes
- Connects to ship with IEC 80005-3 conforming plugs

Features

- Container treated for anticorrosive resistance class C5-H
- De-coupled transformer with two secondary winding
- Double stage inverter LV IGBT PWM technology
- Full digital IGBT regulation
- Ripple filter choke
- Protection fuses
- Controlling and regulation PCB
- HMI Operating and monitoring panel
- Supervisor system datalogger and remote control
- Tailor-made solution
- Seamless transfer function
- High reliability ensured
- Extended lifetime
- Easy accessibility and maintenance



Seaside



Port Terminal



National Grid