

AP SERIES

Shore Power Supply



Wocen AP Series Shore Power Supply is a high-power variable-frequency power supply equipment specially designed and manufactured by our company according to the needs of port and ship customers, for the harsh operating environments such as high temperature, high humidity, high corrosion and heavy load impact in port shipbuilding. It is mainly applied in port terminals and shipbuilding. Input: 6~10kV/50Hz or 380V/50Hz, Output: 440V/60Hz. After the ship is docked, the on-board generator is switched to shore-based power supply. The existing technical capability can achieve a maximum power of 5000kVA.

Product Application



Shipbuilding and repairing industry;
Shoreside container cranes, gantry cranes, ship loaders, ship unloaders, tippers, and other types of port machinery;
Large-tonnage (over 40 tons) bridge cranes, gantry cranes, and other types of lifting machinery;
Testing of motors such as submersible pumps and air compressors; Debugging of offshore oil platforms;

⚡ Typical Applications



⚡ Features

- › DSP pure digital control, excellent waveform quality and dynamic characteristics.
- › Unique line voltage compensation function, solving the problem of large line voltage drop when the load is far away.
- › Modular design with multi-module parallel operation, supporting hot withdrawal of faulty modules and partial module operation under low load, ensuring stable, reliable, economical and energy-efficient performance.
- › Abundant and customizable optional accessories such as containers, cable reels, trolleys, etc.

⚡ Specification and Models

Model	AP-200	AP-400	AP-600	AP-800	AP-1000	AP-1600	AP-2000	AP-2500	AP-3000
Rated power	200kW	400kW	600kW	800kW	1000kW	1600kW	2000kW	2500kW	3000kW
Peak power	300kW	600kW	900kW	1200kW	1500kW	2400kW	3000kW	3750kW	4500kW
Rated current	240A	480A	720A	960A	1200A	1900A	2400A	3000A	3600A
Peak current	360A	720A	1080A	1440A	1800A	2850A	3600A	4500A	5400A