

BATTERY CHARGERS

Alpha has been building battery chargers for the U.S. Navy since the 1960's. Some of these units have ratings greater than 500 kilowatts. The units below are rated at 2,500 amps and 10 volts. They are parallelable using a master-slave arrangement, for up to 10,000 amps of combined charge/discharge capacity. Fully linear MOSFET technology is used to allow discharge voltages down to less than 1 volt. An embedded controller is used to monitor all relevant battery parameters. The built-in RS-485 serial port easily connects into a computer network.



Features

- 25 kilowatt discharge rating
- Overtemperature protection
- Charge/Discharge load switch
- Master-Slave operation
- Addressable RS-485 port
- Non-volatile memory to resume interrupted cycles

Applications

- Submarine batteries
- Industrial batteries
- Battery testing

Options

- Local controls
- Choice of input voltages