

Flat-Flat B

DC POWER SUPPLIES / BATTERY CHARGE RECTIFIERS

Flat B Serial DC Power Supplies are produced with microprocessor based cards and have modular structure with its electrical card design. Control and adjustment is to be realized with thyristor, diode bridges and transistor technologies. System has its own protection to overcurrent, over voltage, over temperature, short circuit and peak current. In Flat B serial BATTERY CHARGE RECTIFIERS an inductor exists at the output. Input and output terminals are in the cabinet and protected by suitable fuses.

STRUCTURAL SPECIFICATIONS

- Production between 12 - 220 V DC, 1A - 500A
- As 1 and 3 phase input voltage options
- High efficiency with Thyristor, Diode bridges, Transistor technologies and microprocessor controlled cards.
- Minimum size, static structure, easy usage facilities
- LCD display
- RS 232 communication port (optional)
- Ergonomic handles
- Rectifier which do not contain any moving units adjustment is to be realized with thyristor and diode bridges.
- Low ripple rate (ripple % 1), current and voltage stability at high rate
- Battery charging voltage can be adjusted in accordance with temperature by temperature back-feeding through battery upon request. (optional)
- Manual adjustment for output voltage and current (optional)
- Automatic floating charge specification (only Flat B)
- External battery connection (only Flat Serial)
- Automatic battery operation during energy cut (only Flat Serial)
- Battery - Load disconnect unit when battery low (only Flat Serial)
- Main failure and DC low warning with indicator and alarms. (only Flat serial) (Opt.)
- Production with ISO-9001:2000 Quality Management System
- 2 years warranty
- 10 years spare part warranty
- Technical service support

Usage Areas

Designed and produced to be used in communication and alarm circuits of ship and yachts, safety systems in business place and residences, petrochemical industry and power electronics applications, training and test laboratories of schools, test laboratories of factories or feeding systems of electronic devices supplied with DC voltage.

Flat B serial Battery Charge Units manufactured for DC feeding systems and charge of lead acid, nickel cadmium and dry batteries. When the charge is the circuit, it provides charge current with battery charge current. In high discharge currents it provides opportunity to turn on and turn off in short periods. It provides appropriate solutions in emergency illuminating, alarm, communication circuits, galvanization and aluminums eloksall facilities, petrochemistry industry and power electronic practices.

