

FCBC(FLOAT CUM BOOST CHARGERS)

SVTEL is one of the leading manufacturer of Telecom Power Conversion Devices, including standard and customised AC/DC power supplies as well as DC/DC converters. SVTEL manages customer needs and monitors the latest trends regarding power for a multitude of applications in the areas of Telecom, Industrial Machines, Appliances, Medical Equipment, Broadcast Systems, Military Devices, Laboratory Appliances, Test and Laboratory Equipment, Automotive Industry, Aviation Systems, Maritime Equipment.....and many more.

The SVTEL FCBC ST series makes wide variety of Battery Chargers, most of which are Float cum Boost Chargers. Since most of our Float Chargers are being used for the EPABX, RAX, MAX, Telecom CPE, Telecom Fiber Mux and other Digital Electronic Telephone Exchanges & other communication equipment, almost all the models are designed for telecom applications. In addition to wide variety of 48 Volts Chargers used in the Telecom sector, we also manufacture Custom- Designed Battery Chargers of 12, 24, 36, 60, 110 & 220 Volts (nominal) outputs in 3, 6, 10, 12, 16, 20, 25, 30, 40, 50, 70, 100, 150 & 200 Amps capacities.

Float Chargers having current limits for total output current and separate limits for battery charging current and load current are manufactured. In some Float Chargers special care is taken to keep the maximum voltage at load terminals below specified limits (whenever specified), since the required voltage for charging the batteries is higher and is as per recommendation of battery manufacturers. There are number of monitoring points provided and annunciation, audible alarm and choice of 1,2 or 3 meters for indicating output voltage, total output current, load current, battery charging and discharging current (by center zero meter) etc.

Models with analog meters in place of Digital ones are also available. Single phase input mains supply is preferred upto 3 KW output, with a possibility of wide voltage variations. For all higher power output chargers, three Phase input supply is preferred. Reliability is enhanced through the use of glass epoxy PCBs with solder masking and legend printing in addition to roller tinning / solder coating and gold / nickel plating for tabs, which are in contact with the edge connectors. A detailed Operating Instruction Manual and Service Manual incorporating information on charger ensures ease of use & maintenance. Low down- times and ease of service-in a few minutes, is ensured by designing easy to access, modular layouts, clear component identification and plug in type round shell connectors.

Special Features : -

- Hot Plug in Modules
- Input High Voltage Discount (HVD)
- I/P Under Voltage Disconnect & O/P Under Voltage Disconnect
- O/P Under Voltage Indication
- Digital meter for O/P Voltage & Digital meter for O/P Current
- Potential free contacts for Remote Fault Annunciation
- Compact size for Easy handling
- Very low ripple content
- 100% Input and outputs Q.C. checked and heat run tested products
- Easy to operate