

**CHLORIDE**

**FLEXI CHARGER**



## FLEXI CHARGER

Chloride Power Systems and Solutions Limited is a 100% subsidiary of Exide Industries Limited. It is a leading name in the field of power electronics in India. As a part of its policy of continuous innovation, Chloride introduces its integrated Flexi Charger.

Chloride Flexi Charger is a microcontroller based SMPS charger. This charger is suitable for charging 1 to 4 nos. (12Volts) lead acid battery. The selection for no of battery is automatic i.e. 1 to 4 sets 12Volts lead acid battery. The selection for number of battery is automatic i.e. the user may connect any number of 12V battery (1 or 2 or 3 or 4 sets 12 Volts batteries) and no manual selection is needed.

### Features

- Capacity 48V/10A
- Automatic selection for number of battery
- Termination of charging – Manual
- Mode of operation - Automatic
- LCD display for measurement of charging voltage and current
- Protection - I/P & O/P MCB protection and reverse Polarity Protection.

### Application

- Easy and fast charging of 12V inverter and car battery

### Advantages

- Compact and portable, Easy to handle
- Suitable for charging 1 to 4 nos 12 V lead acid battery

### Technical Specification

12V/ 24V/ 36V & 48 Volts - 10Amp. (Max) Microcontroller based Flexi Battery Charging Equipment Suitable for Max. 4 nos. (12Volts) lead acid battery.		
Sl.No.	SPECIFICATION	RANGE
1.	Input Power Supply	230 Volts $\pm$ 10%, 1-Phase (L, N & E), 50 Hz $\pm$ 5%.
2.	Output Voltage	10.0 Volts (MIN.) - 66.5 Volts (MAX.)
3.	Output Current	Adjustable 4 Amps (min.) - 10.0 amps (max.) $\pm$ 0.5 Amps by current setting potentiometer.
4.	Output Regulation	Voltage stability: $\pm$ 1 % variation , for $\pm$ 10% A.C. Supply Voltage Variation measured at, O/P Terminals.
5.	Mode of Operation	Automatic
6.	Termination of Charging	Manual.
7.	Control Configuration	1-Phase , SMPS based constant Current controller and microcontroller based unit with load limiting feature
8.	Charger Protection	I/P & O/P MCB protection, Reverse Polarity Protection.
9.	Display	LCD, Showing - BATTERY CHARGING VOLTAGE, BATTERY CHARGING CURRENT.
10.	Indication	A.C. Supply ON
		D.C. Output ON
		Battery Reverse Polarity
11.	Noise Level	65 dB - 70 dB
12.	Enclosure	Make - CPSSL. Dimension (H X W X D) - 225 MM X 330 mm X 420 mm, METAL BOX.
		Sheet Steel Thickness Base = 1.6mm
		Sheet Steel Thickness Top Cover = 1.2mm
		Panel colour: - Base - Siemens grey
		Top cover - Pepsi blue
13.	General Specification	Charging equipment is Comfortable in size and floor top type with wheel for easy transfer.
		Provided cooling arrangement by cooling fans for its better performance.
14.	Battery Bank	4 X 12 volts Lead Acid Battery.

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