

INSTALLATION GUIDE

1. Before proceeding to install the charger, please re-check the battery voltage and charger nominal output voltage.
2. Connection lead from charger to battery should be of adequate ratings. It is recommended to use multi stand flexible /auto cables. Avoid connection with electrical wires (3/20-7/20) to optimize the charger's efficiency.
3. Length of wire between battery and charger should be as short as possible. Best results can be achieved if the leads are kept within 1 meter.
4. Battery terminals should be cleaned and properly maintained. Loose connection will deteriorate charger performance
5. Assess charger current requirement properly. normally it should be higher than 1/10 of the battery A.H. i.e. if the battery is 120 AH the charger should be 15 amps.
6. Battery should be properly and periodically maintained and distilled water should be added to maintain its fluid level.



33, Phears Lane, Kolkata -700 073, Ph. (033) 2237-0508, 2236-0575
Email: info@indiapowerhouse.net, Visit us at www.indiapowerhouse.com

INSTALLATION MANUAL FOR “POWER HOUSE” MAKE MULTI USE BATTERY CHARGER



SERIES PCBC

**Simple, Multi use
Charger for
Charging Stations**

**WARRANTY
AGAINST ALL
MANUFACTURING
DEFECTS FOR 12
MONTHS SUBJECT
TO STANDARD ITEMS.**

Manufactured by:
চণ্ডউজ বাউজ ঠাওঁউৰা
KOLKATA

MANUAL FOR MULTI USE BATTERY CHARGER

INTRODUCTION

Thanks you for selecting & purchasing POWER HOUSE make Multi Use Battery Charger(PCBC)

Series PCBC Multi purpose battery chargers are designed for charging battery in charging stations.

AC supply is stepped down using heavy duty copper double wound transformer and rectified with full wave bridge rectifier. Out put volts and current are selectable by respective selector switches. Amp and Volt meters are provided for instant monitoring. Input AC and out put DC fuses are provided.

CAUTION

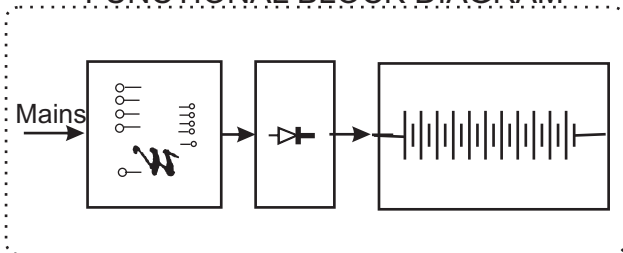
Ensure that your Automatic Battery Charger is-

- Not installed near any heat sources like Burner, sunlight, electric arc etc.
- Not subjected to abnormal vibrations.
 - Not subjected to direct rains, stormy winds & dust.
- Installed as near to the battery as possible.

APPLICATION

These chargers are most suitable for battery charging shops, maintenance shops, repair shops etc. where number and size of batteries may regularly vary.

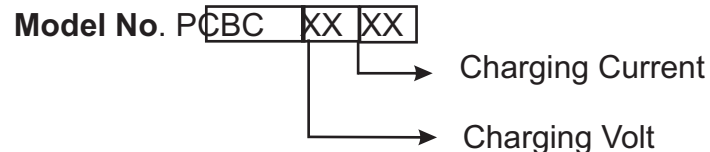
FUNCTIONAL BLOCK DIAGRAM



Selection Chart

Charging Volts : 12, 18, 24, 36, 48, 72 Volts.

Charging Current : 03, 05, 10, 15, 20, 25, 30 Amp



Current Control

Different Taps (4, 6, 8 Nos) are provided to control the charging current.

THECNICAL SPECIFICATION

Mains Supply : 230 V AC +/- 10 % 50 Hz.

Battery Volts : 6-72 volts

Battery AH : 100-400 AH

Charging Current : 10-30 A.

Transformer : Copper Double wound- Heavy duty

Rectifier : Full wave Bridge

Mode selection : Rotary Switch

Voltage Selection

Current Selection

Protection : Charger

a) Mains incoming fuse

b) Out put fuse

Instruments : Amps meter for Charging rate

: Volt meter for battery/ charger voltage

LED Indications : a) Mains

Terminals : Input supply by 3 pin Main cord

: Out put by heavy duty terminals.

Enclosure : Heavy duty Sheet Steel enclosure finished with Powder coated.