



# BCD-1280B

Fully Automatic SwitchMode  
Workshop Battery Charger

## OPERATING INSTRUCTIONS



| Model     | System | Operation       | Charging cycle          |
|-----------|--------|-----------------|-------------------------|
| BCD-1280B | 12V    | Fully Automatic | Boost, Equalize & Float |



## Operating Instructions

Batteries which are used in vehicles or on board boats for power generation are charged by the BCD automatic charger or will be supplied with a float voltage. The Set & Forget features allow the charger to be permanently connected to a battery without damage to either the charger or battery. The BCD automatic charger is used for the continuous charging of supply batteries or starter batteries.

Batteries can be charged or be maintained at their peak capacity level & this Boost, Equalize & Float cycle will improve battery life.

## Compatible Battery Types

The DURST 3 stage BCD Automatic Chargers are used for charging the following types of batteries:

- Lead-acid starter batteries
- Gel batteries (GEL)
- Absorbed Glass Matt batteries (AGM)
- Calcium
- VRLA and Maintenance-free batteries (MF)

## Two-channel Charging

**Two channel chargers can charge up to two batteries.**

Two channel charger can charge one supply battery + starter battery at 1A.



## Charging Voltage and Time Limitation

The required charging voltage to suit battery chemistry and the time period for the charging phase are selected via a dip switch on the front of the charger.

### Note

Ask your battery dealer for the charging voltage and the required timer setting for your batteries. Lead Acid, Flooded, AGM, VRLA, Calcium & GEL etc.

### Caution!

Make sure the charger is never operated when switches 1 and 2 OR 3 and 4 are set at the same 'ON position'.

Only the switch positions described in the following table ensure the correct functioning of the BCD automatic charger.

## 12V Boost Charging Settings

**CORRECT SETTINGS for the Boost (I phase) charging voltage for BCD-12 Volt range of Chargers.**

Charging (Refer to Battery Specifications for correct voltages)

| Voltage  | Switch 1 | Switch 2 | Application range   |
|----------|----------|----------|---------------------|
| 14.8 V * | OFF *    | ON *     | Calcium / MF        |
| 14.4 V   | ON       | OFF      | Flooded / AGM / Gel |
| 13.8 V   | OFF      | OFF      | Loaded Battery      |

\* Factory Pre-set

**Loaded Battery** means a charger connected to a battery which has a load connected to it.

## Half Power Mode

If you push the button 'Half Power Mode', the output power will reduce to half the chargers amp rating and a Green 'Half On' LED will light. The Half Power LED is located on the bottom left corner of the front panel.

**Durst Industries (Aust.) Pty Ltd.**

1/11 Packard Ave. Castle Hill NSW 2154 Australia

DURST.COM.AU

SALES@DURST.COM.AU | INTL +61 2 9660 1755