



PS MANUAL

## BCD WORKSHOP BATTERY CHARGERS

1.0 Model            **BCD-1250B**

2.0 Description

12 Volt 50Amp Fully Automatic SwitchMode Workshop Battery Charger



Durst Industries Australia Pty. Ltd.

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### 3.0 Features

- Fully Automatic, Fast and Safe.
- Overcharging Protection: Yes with Current limiting
- Short Circuit, Spike and Surge Protection
- Three stage Charging indicator LED's
- Eliminates Sulphation
- Compact and Lightweight
- Suitable also as a Power Supply
- NASA Developed Technology
- Heavy Duty Leads and Battery Clamps
- Comfortable Lifting Handle, Rubber Buffers and Cable Winders
- Powder Coated Steel Casing
- Australian Electrical Standard & EMC Compliant

### 4.0 Physical and Dimensional Properties

- Each unit weighs approximately 9.0 Kg
- Width 310 mm
- Length 290 mm
- Height 190 mm
- Carton Dimensions: 370 x 310 x 240

### 5.0 Performance

- Input Voltage 207-253 Volt
- Frequency 50/60 Hz
- Battery Size Ahr 120Ahr - 500Ahr
- Charge Current: 45 Amps
- Number of Channels 2
- Charging Voltage 14.4 -14.8 VDC to suit GEL AGM Flooded Calcium
- Float Charge 13.8 VDC to suit GEL AGM Flooded Calcium
- Line/ Load regulation: 0.1% @ input voltage range/ 1.5% @ output current
- No Load to Full Load. Over 85% Efficiency

### 6.0 Uses

- Premium SwitchMode Battery Charger.
- Suitable for Automotive, Marine, Mobile Home or Caravan, Mobility Appliances, Solar, Deep Cycle, UPS Standby.

### 7.0 Documentation

- Bar Code Number: **9346080000600**
- Product Specification Manual - PS 34
- Work Instruction Manual - WI 34
- Product Costing Manual - PC 34

