



PS MANUAL

## BCS SWITCHMODE BATTERY CHARGERS

1.0 Model            **BCS-2440B**

2.0 Description

24 Volt 40 Amp Fully Automatic SwitchMode Battery Charger



Durst Industries Australia Pty. Ltd.

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Unit 1, 11 Packard Avenue  
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### 3.0 Features

- Fully Automatic, Fast and Safe.
- Overcharging Protection: Yes with Current limiting
- Short Circuit, Spike and Surge Protection.
- Isolated Output Terminals
- Programmable UO Voltage to suit battery type
- Switchable 4H or 8H UO Charging phase
- Three stage Charging indicator LED's
- Mute button for quieter operation
- Eliminates Sulphation
- Compact and Lightweight
- Suitable also as a Power Supply
- NASA Developed Technology
- Australian Electrical Standard & EMC Compliant

### 4.0 Physical and Dimensional Properties

- Each unit weighs approximately 6.05Kg
- Width 380 mm
- Length 229 mm
- Height 107 mm
- Carton Dimensions: 290 x 455 x 165

### 5.0 Performance

- Voltage 207-253 Volt
- Frequency 50/60 Hz
- Battery Size Ahr 60Ahr - 400Ahr
- Output Current: 40 Amps
- Number of Channels 2
- Charging Voltage 28.8 – 29.6 VDC to suit GEL AGM Flooded Calcium
- Float Charge 27.6 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
- Battery Connections: Heavy Terminal blocks ( Cables to order)

### 6.0 Uses

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

**Durst Industries Australia Pty. Ltd.**

### 7.0 Documentation

- Bar Code Number: 9346080001362
- Product Specification Manual - PS 04
- Work Instruction Manual - WI 149
- Product Costing Manual - PC 149

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