



PS MANUAL

## INDUSTRIAL WORKSHOP BATTERY CHARGERS

1.0 Model **BC-430T**

2.0 Description

6 Volt, 12 Volt, 24 Volt and 36 Volt Battery Charger



Durst Motor & Electric Industries Pty Ltd

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PS: 20

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### 3.0 Features

- Designed in Australia for Australian Conditions and Climate.
- Powder Coated Steel Cabinet with cooling vents for maximum air flow.
- Large Pneumatic Wheels - easy to move around.
- Reverse Polarity Protection Buzzer - LED Warning Light.
- Circuit Breaker on DC side, resettable Circuit Breaker for AC side.
- Heavy Duty Mains power lead 3.0m ( Standard 10Amp Plug Top)
- Colour Coded Battery Clamps with 2.5m Leads and Bridging Straps
- Ultra fast Silicone Diode, specially designed Heat Sink for Jump Starting.
- Fan to keep Transformer and Diode Rectifier cool under heavy loads
- Transformer: Copper Magnet wire, high grade Silicone laminations
- Large easy to read coloured Instrument scale.
- Complies with **AS3193-1984** Transformer Type battery Chargers.
- Cable winding Bracket to keep cable tidy while transporting.
- Switch with 11 Position Current Control / Indicator
- Switch with 3 Position Voltage Selector / Indicator

### 4.0 Physical and Dimensional Properties

- a) Each unit weighs approximately 29 Kg
- b) Width 400 mm
- c) Length 500 mm
- d) Height 1020 mm
- e) Cable Length 2.5 m
- f) Cable Size 16mm<sup>2</sup>.

### 5.0 Performance

- Voltage 220-240 Volt
- Frequency 50/60 Hz
- Jump Start Capacity 400 Amp
- AC Current Primary 4.3 Amps @ 60Amps Continuous
- AC Current Primary 5.6 Amps @ 80Amps Continuous.
- Secondary Continuous 6 Volts Max 35Amps - Intermittent 6 Volts Max 40Amps
- Secondary Continuous 12 Volts Max 35Amps - Intermittent 12 Volts Max 40Amps
- Secondary Continuous 24 Volts Max 18Amps - Intermittent 24 Volts Max 20Amps

### 6.0 Uses

- Portable Battery Charger.
- Suitable for Car/Truck dealer workshops, Panel Beaters, Bus repairers, Mining Companies, Aviation, Defence, Councils, TAFE, Hire Companies, Auction Yards.

### 7.0 Documentation

- Bar Code Number: **9346080000464**
- Product Specification Manual - PS 20
- Work Instruction Manual - WI 20
- Product Costing Manual - PC 20