



PS MANUAL

## INDUSTRIAL WORKSHOP BATTERY CHARGERS

1.0 Model **BC-6100T**

2.0 Description

12 Volt and 24 Volt Battery Charger



Durst Motor & Electric Industries Pty Ltd

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PS: 17

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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 4.0m ( Standard 15Amp Plug Top)
- Colour Coded Battery Clamps with 2.6m 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
- Dual sprung moving coil Amp meter 0- 120 Amps
- Complies with **AS3193-1984** Transformer Type battery Chargers.
- Cable winding Bracket to keep cable tidy while transporting.
- Switch with 11 Position Incremental Current control / indicator
- Switch with 2 Position Voltage selector / Indicator

### 4.0 Physical and Dimensional Properties

- Each unit weighs approximately 56 Kg
- Width 570 mm
- Length 330 mm
- Height 1070 mm
- Cable Length 2.6 m
- Cable Size 35mm<sup>2</sup>.

### 5.0 Performance

- Voltage 220-240 Volt
- Frequency 50/60 Hz
- Jump Start Capacity 1,200 Amp
- AC Current Primary 6.8 Amps at Secondary 12 Volts DC, 100Amp Continuous
- AC Current Primary 12.5 Amps at Secondary 24 Volts DC, 100Amp Continuous.

### 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: **9346080000228**
- Product Specification Manual - PS 17
- Work Instruction Manual - WI 17
- Product Costing Manual - PC 17