

# CX3050

## Desktop Charger for 'Mini' Credit Card Batteries

### Technical Datasheet

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### Overview

The CX3050 is part of the Entellion range. Entellion products are smart, innovative portable power products, designed to meet the emerging needs of feature-laden devices in professional markets. Created and manufactured by Ultralife UK, Entellion combines our expertise in custom OEM requirements and market trends. Entellion products are available off the shelf and can be customised for your application, getting you to market quickly and confidently.

### Features

- Professional single bay charger
- Compatible with CC1150 'mini' credit card batteries
- Easy to clean plastic case
- Wall plug-in power supply
- AC blades for UK, Europe, Australia, North America & China
- Power, charging and fault status indicators
- CE marked
- Instruction manual included
- OEM packaging
- Customised versions available to suit OEM requirements
- Designed and manufactured in the United Kingdom

### Technical Specifications

| Description           | Single Bay Desktop Charger for Lithium Ion 'Mini' Credit Card Series Batteries                                                                                                                                               |                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Compatibility         | CC1150 Series                                                                                                                                                                                                                |                          |
| No. of Charging Bays  | 1                                                                                                                                                                                                                            |                          |
| Charging              | Voltage                                                                                                                                                                                                                      | 4.20V                    |
|                       | Current                                                                                                                                                                                                                      | 794mA                    |
|                       | Temperature                                                                                                                                                                                                                  | +0°C to +30°C            |
| Storage               | Temperature                                                                                                                                                                                                                  | -20°C to +60°C           |
| Nominal Dimensions    | Length                                                                                                                                                                                                                       | 102.4mm                  |
|                       | Width                                                                                                                                                                                                                        | 74.0mm                   |
|                       | Height                                                                                                                                                                                                                       | 25.0mm                   |
| Weight                | <100g (excluding power supply)                                                                                                                                                                                               |                          |
| IP Rating             | 40                                                                                                                                                                                                                           |                          |
| Colour                | Black                                                                                                                                                                                                                        |                          |
| Power Supply          | Wall plug-in power supply with 100-240VAC 50-60Hz input and 5.9V/3.0A output. Supplied with interchangeable AC blades for use in UK, North America, Europe, Australia and China                                              |                          |
| LED Status Indication | Green: 'power present' or 'battery charged'<br>Orange: 'battery charging'<br>Red: 'fault'                                                                                                                                    |                          |
| Charge Time           | <2.5 hours                                                                                                                                                                                                                   |                          |
| Certification         | CE                                                                                                                                                                                                                           | EMC Directive 2014/30/EU |
| Supplied in the Box   | <ul style="list-style-type: none"><li>• CX3050 desktop charger</li><li>• Wall plug-in power supply</li><li>• AC blades for use in the UK, Europe, North America, Australia and China.</li><li>• Instruction manual</li></ul> |                          |

CX3050

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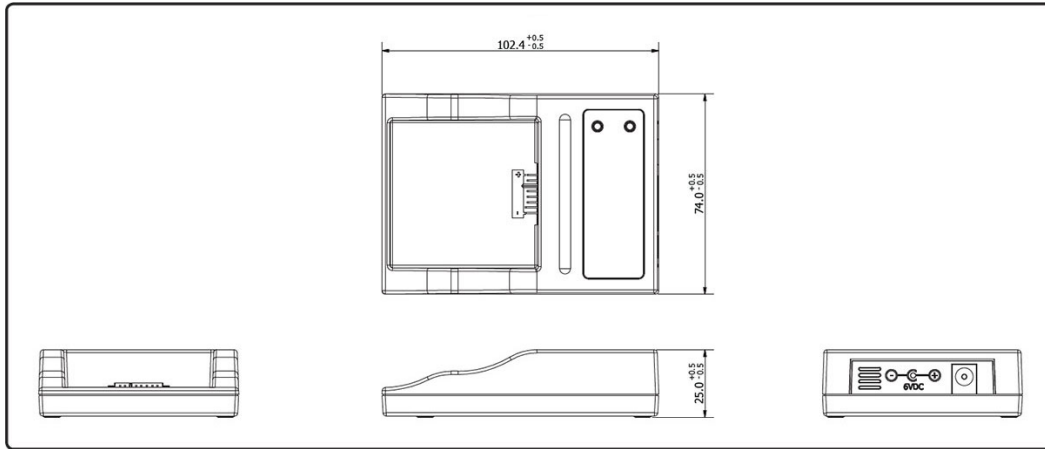
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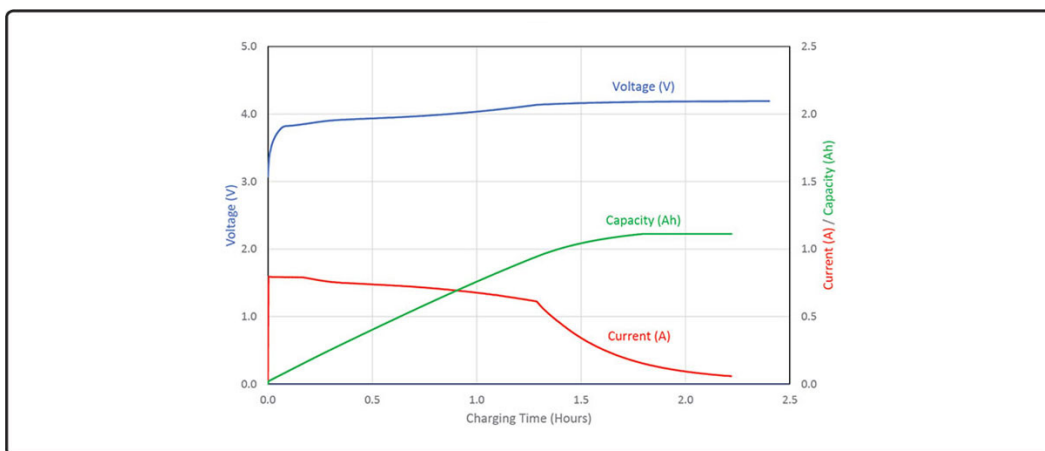
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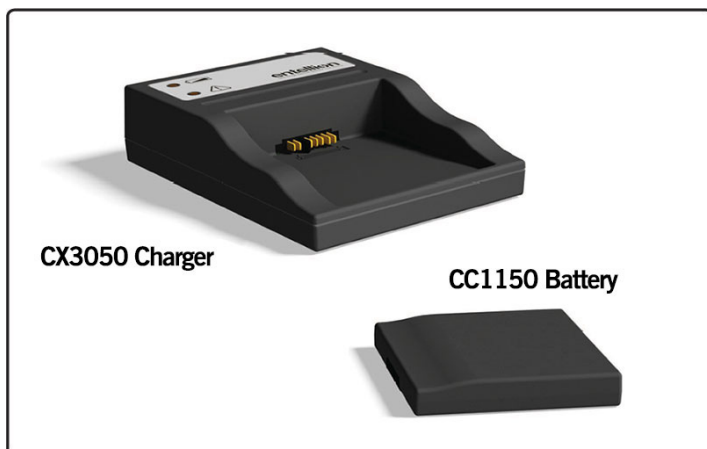
#### Mechanical Drawing



#### Typical CX3050 & CC1150 Charge Characteristic



#### 'Mini' Credit Card Battery & Charger Range



#### CX3050 with Wall Plug-in Power Supply & AC Blades

