BC83B

80 mm Portable Thermal Label Printer

THERMAL LINE PRINTING · 203 DPI · 72 MM PRINT WIDTH · USB + BLUETOOTH



AT A GLANCE

50 mm/s
Max. print speed

203 DPI
Resolution

72 mm
Print width

2000 mAh
Battery

- **Truly portable**
  Only 302 g and 123 × 100 × 56.5 mm.
- **Rechargeable battery**
  7.4 V, 2000 mAh lithium battery.
- **USB and Bluetooth**
  Connect by cable or wirelessly.
- **72 mm print width**
  Clear 203 DPI labels, up to 576 dots across.
- **20–80 mm paper width**
  Continuous and gap paper, on rolls up to 43 mm.
- **No ribbon needed**
  Thermal printing on thermal paper and labels.
- **TSPL commands**
  CPCL and ESC/POS available as options.
- **Wide device support**
  Windows, macOS, Android and iOS.


Angled view


Top view


Front view

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A Taiwan brand

BLACK COPPER
Upgrades network

THIS MODEL

BC83B
USB + Bluetooth

Max. 50 mm/s
Print speed

203 DPI
Resolution

302 g
Weight

USE WITH

Thermal paper and labels
20–80 mm wide · max. 43 mm roll

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Specifications

BC83B · 80 mm portable label printer

GENERAL

Brand	BlackCopper
Model	BC83B
Printer type	80 mm portable label printer
Interfaces	USB, Bluetooth
Print commands	TSPL CPCL and ESC/POS optional
Colour	Black

PRINTING

Printing method	Thermal line printing
Print speed	Max. 50 mm/s
Resolution	203 DPI
Print width	72 mm (max. 576 dots)
Printhead life	50 km
Media sensor	Transmissive

PAPER AND LABELS

Paper types	Continuous, gap
Paper width	20–80 mm
Roll diameter	Max. 43 mm
Paper thickness	0.06–0.30 mm

BARCODES AND FONTS

1D barcodes	Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digit add-on
2D barcodes	PDF417, QR Code
Fonts	8 alphanumeric bitmap fonts Windows fonts downloadable from software

SOFTWARE

Drivers and SDK	Windows, macOS, Android, iOS

POWER

Battery	Rechargeable lithium, 7.4 V, 2000 mAh
Power adapter	DC 5 V, 2 A

PHYSICAL

Dimensions	123 × 100 × 56.5 mm
Weight	302 g

ENVIRONMENT

Operating temperature	−10 to 45 °C
Operating humidity	10–90%
Noise	Less than 60 dB

IN THE BOX

1. USB cable
2. Thermal paper roll
3. Manual
4. Power adapter (optional)

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