



TECHNICAL DATASHEET – PORTABLE PRINTER D520BT

1. General Overview

The D520BT is a high-performance thermal label printer designed for fast, reliable and ink-free printing. It supports USB connectivity and is suitable for professional labeling applications requiring consistent output quality.

2. Product Information

Brand	: Phomemo
Model	: D520, D520B, D520BT, D520 Pro, D520 Pro Max
Printing Type	: Thermal Direct
Function	: Portable label printing via USB



3. Technical Specifications

Power & Electrical

Power Input	: 24V / 2.5A
Battery	: 100-240V AC, 50/60Hz, 1.5A
Adapter Output	: 24V DC / 2.5A

Printing Performance

Resolution	: 203 DPI
Printing Method	: Thermal Direct
Support Label	: Compatible with 6XL/D520 format labels
Connectivity	: USB (data & power supply through adapter)

Connectivity

USB Connection

Bluetooth Version : Bluetooth 5.0

Antenna Type: PCB Antenna (Gain 2 dBi)

Included Accessories

Power Adapter 24V / 2.5A

USB-A to USB-B Cable (1.5 m)

4. Physical Characteristics

Dimensions : 310 × 63.5 × 41.5 mm

Weight : 795 g