# BMP®21-PLUS Label Printer Specifications Sheet

## BMP®21-PLUS Label Printer

Tough on the Outside. Smart on the Inside. Our lightest and easiest-to-operate printer, the BMP®21-PLUS labeller has drop-lock-and-print cartridges, a rechargeable lithium-ion battery, protective rubber bumpers and a two-year warranty.

As a one-per technician printer, it is toolbox ready and ideal for creating basic labels in lower volumes for wire and cable, panel, equipment and general industrial labels

| Printer: | |
|---|---|
| Printer Name | BMP®21-PLUS Label Printer |
| Print Resolution | Thermal transfer, 203 dpi |
| Max Lines of Print | 4 |
| Print Speed | 10mm/sec (0.4 in/sec) |
| Keyboard Type | ABC |
| Dimensions: | 9.5" x 2.5" x 4.5" (236.22 x 63.5 x 114.3 mm) |
| Weight | 1.66 lbs (0.75 kg) (with AA Alkaline Batteries and Media Roll) |
| Warranty | 2 Years |
| Overmold/Rugged | Yes |
| Operating Temp | 4° to 43° C (40° to 110° F) |
| Humidity | 10% to 90% (non-condensing) |
| Storage Temp | -18° to 43° C (0° to 110° F) |
| Continuous or Die Cut Labels | Continuous Labels Only |
| Portability | Yes |

| Features: | |
|---|---|
| Memory | 16MB, 10 Labels (2MB available for storage) |
| User Profiles | No |
| Cutter Type | Straight cut, single hand manual actuate |
| Cut Options | Cut between labels or at end of print job |
| Label Retention After Cut | Yes |
| Labels Per Day (Average) | 100 |
| Battery Life Indicator | Yes |
| Label Odometer (Supply Remaining) | No |
| Wearability Options | Magnet Attachment, Multi-Tool (Magnet / Flashlight / Stand Combo) and Lanyard |
| Drop Test | Transit drop per MIL-STD-810G 5.16.6 S4.6.5 Drop tested: 6 foot drop |
| Languages | English, Dutch, German, Italian, French, Spanish Portuguese |
| Units | Inches or millimeters |

*Specifications subject to change without notice.*

| Power: | |
|---|---|
| Power Supply | 6 AA batteries, AC adapters: 240V or Lithium Ion Rechargeable Battery |
| Battery Included | No |
| Battery Life | Li-ION Battery: Output of 2000 2" (50.8mm) labels 6 AA Batteries: Output of 1800 2" (50.8mm) labels |
| Rechargeable Battery | Lithium Ion 11.7Wh (DC 7.2V 1620 mAH) |
| Charging Options | External via AC |
| Re-Charge Time (estimated) | 2.5 hours |
| Power Source Voltage | 110-240 |
| Auto Shut Off | 10 minutes |

| Print Functions: | |
|---|---|
| Wire and Cable Wrap Mode | Yes |
| Cable Flag Mode | Yes |
| Terminal Block Mode | Yes |
| Patch Panel Mode | Yes |
| Circuit Breaker Mode | Yes |
| Banner (Landscape) | Yes |
| Banner (Portrait) | Yes |
| Print Preview | No |
| Multi-Label View | No |
| Customisable Library | No |
| Serialisation | Yes |
| Barcoding | 39 and 128 |
| Date/Time Stamp (Real Time Clock) | Yes |
| Fixed Length | Yes |
| Mirror Print | No |
| Vertical Print | Yes |
| Reverse Print | No |
| Rotate Print | No |
| Auto Format | Yes |

# BMP®21-PLUS Label Printer Specifications (continued)

| Print Functions: (continued) | |
|---|---|
| Text Justification | Horizontal: Center<br>Vertical: Center |
| Multi-Copy Printing | Up to 99 Copies |
| Multi-Line Print | Yes |
| Frame Feature | No |
| Save Files | Yes |
| **Display:** | |
| LCD Type / Size | LCD, 2" x 1" (50.8mm x 25.4mm) |
| LCD Resolution | 132 x 64 pixels |
| LCD Characters | 13 char x 3 lines |
| LCD Backlight | Yes, user adjustable |
| **Communication and Interface** | |
| Connectivity: | Not Applicable |
| PC Connectivity | No |
| Import Data | No |
| Import Manufacturer Templates / Graphics | No |
| Software Compatibility | Not applicable |
| **Media:** | |
| Type | Cartridge (media and ribbon combined) |
| Load Labels Location | Top |
| Label Output Location | Right Side |
| Compatible Media | M21- Series Cartridges |
| Memory in Cartridge | No |
| Maximum Print Width | 0.63" (16 mm) |
| Maximum Print Length | 36.0" (914.4 mm) |
| Maximum Liner Width | 0.875" (22.2 mm) |

| | |
|---|---|
| Media Widths | 0.250", 0.375", 0.500", 0.750"<br>(6.4, 9.5, 12.7, 19.1 mm) |
| Included Media | M21-750-499 (0.75" x 16' (19.05mm x 4.9m)<br>Black on White Nylon Tape |
| Number of Stock Parts | 70+ |
| Colour Print Capability | Single print colour on a label |
| Available Media Colours | Black on: White, Yellow, Clear, Orange, Purple, Brown, Grey.<br>White on: Blue, Green Red, Clear or Black |
| Cartridge Width Detection | Yes |
| Cartridge Setting Detection | Yes |
| Custom Labels Available | No |
| **Compliance** | |
| Agency Approvals | UL, CE, EAC, FCC Class B, ICES-003, NOM, RCM |
| RoHS compatibility | Pass 2011/65/EU |
| Patents | One or more patents apply including:<br>US 8.322.936; 6.604.874; 6.732.619 |
| Trade | Harmonization Code (HTS Schedule A or B) / 844.39.9000; Country of Origin: Malaysia (printer);  ECCN: EAR99 |
| MSDS | For Battery MSDS visit www.bradyid.com.au |
| **Fonts, Graphics, Symbols** | |
| Text Sizes | 6-40 pt with Autosizing |
| Text Attributes | Regular, Bold |
| Number of Fonts | (1) Brady Standard Font |
| Number of Symbols | 104 |
| Symbol Categories | Arrows, Datacomm, Electrical, Greek, Home Electrical, International, Misc, Warning |

## BMP®21-PLUS Label Printer Media Offering

| | |
|---|---|
| B-342 PermaSleeve® Heat Shrink Tubing | ✔ |
| B-423 Permanent Polyester | ✔ |
| B-427 Self Laminating Vinyl | ✔ |
| B-430 Clear Polyester | ✔ |
| B-461 Clear Polyester | ✔ |
| B-488 High Performance Polyester | ✔ |
| B-499 Nylon Cloth | ✔ |
| B-595 Indoor/Outdoor Vinyl | ✔ |
| B-7425 Polypropylene | ✔ |

## Compatible Media:
### M21-Series Cartridges



## For more information on the BMP®21-PLUS Label Printer and media, visit:

## www.bradyid.com.au/bmp21plus

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