

BMP®21-PLUS Printer

BradyID.com/bmp21plus



BRADY 360
2 YEAR
WARRANTY

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Your Complete Printing Solution:

BMP®21-PLUS cartridges with label and print ribbon..... page 315

BMP®21-PLUS Label Printer & Accessories

Catalog #	Description
BMP21-PLUS	BMP21 Label Printer*
BMP21-PLUS-KIT1	BMP21 Label Printer Kit**
BMP21-MAGNET	Magnet Only Accessory
BMP21-TOOL	Multi-functional Tool Accessory (magnet / flashlight / retractable stand)
M-AC-110937	AC Power Adapter / Charger
BMP21-PLUS-BATT	Li-ION Battery Pack
BMP21-PLUS-HC	Hard Case

* Printer includes label cartridge, lanyard, quick start guide and 2 year warranty (batteries not included).

** Printer kit includes: printer, label cartridge, Li-ION battery, AC power / charger, hard case, lanyard, quick start guide and 2 year warranty.

US Patent Nos. 8.322.936; 8,846,171.

BMP®21-PLUS LABEL PRINTER

**TOUGH on the Outside.
SMART on the Inside.**

- Automatic-label formatting for wire wraps, patch panels, terminal-blocks, cable flags, circuit breaker arrays and general banner labels
- Drop-lock-and-print materials
- Passed shock and vibration testing per MIL-STD-810G Method 5.16.6 S4.6.5
- Optional rechargeable Li-ION battery
- Continuous-only supplies in 0.25" to 0.75" widths
- 70 total label parts, 7 materials types
- Label grabber holds label after cutting
- 104 symbols for electric, smart home, safety and datacom
- 2- year warranty



BMP21-PLUS Printer Kit shown.

BMP®21-Plus Printer Specifications

Print Speed	0.40"/sec
Print & Color Capabilities	Thermal Transfer / Monochrome
Print Resolution	203 dpi
PC Compatibility or Stand Alone	Stand alone
Connectivity Options	none
Software Compatibility	none
Power Supply Options	Li-ION rechargeable battery, 6AA, AC adapter
Standard Warranty	2 years

Dimensions	4.5" W x 9.5" H x 2.5" D
Weight	1.04 lbs. (w/o tape, batteries)

Print Features

Screen Size	3 lines x 14 characters
Back Lit Screen	Yes
Keyboard Style	ABC
Max Print Width	0.75"
Font Types Available	(1) Brady Alpine
Font Sizes (points)	Auto, 6, 9, 14, 20, 28, 40
Multi-Line Label Capabilities	4
Label Print Rotation	Yes

Data Serialization	Alphanumeric
Barcode Capabilities & Types	Code 39, Code 128
Memory Capacity	10 files up to 2MB
Data Transfer from PC to Printer	No
Print Preview	No
Symbols Available	104

Label Supply Characteristics

Label/Ribbon Supply	Cartridge w/ included ribbon
Material Formats Supported	Continuous labels only
Media Width	0.25"-0.75"
Types of Materials	Outdoor Vinyl, Nylon Cloth Wire ID, Heat Shrink Wire ID, Self-Laminating Wire ID, Standard Polyester, Chemical Resistant Polyester
Quantity of Label Parts Available	70+ label parts
Cartridge Series	M21- series, IDPal and LabPal series

Portable Printers

BMP21-PLUS

An affordable label and wire marker printer designed for the tool box.



Electrical Labeling



Voice & Data Communications



Self-Laminating Wire Labels



PermaSleeve® Wire Marking Sleeves



General ID



Lean / 5S Labels and Operations ID

Indoor/Outdoor Vinyl (B-595)

- Ideal for labeling components inside panels as well as for Lean / 5S labels, equipment markings, and production area ID
- Vinyl material has 8-10 years average outdoor durability**
- A polyester overlaminates is recommended for harsh environments - long term exposure to wind and rain.
- Very pliable with aggressive adhesive to conform to irregular, rough and curved surfaces
- Stands up to grease, oil, dirt, grime and most industrial chemicals



Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Roll Length B Inch (mm)	Labels/Roll	Ribbon in Cartridge
Fig. 33b *	M21-250-595-WT	B-595	Vinyl	Black on White	0.250 (6.35)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-375-595-WT	B-595	Vinyl	Black on White	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-500-595-WT	B-595	Vinyl	Black on White	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-750-595-WT	B-595	Vinyl	Black on White	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b *	M21-250-595-YL	B-595	Vinyl	Black on Yellow	0.250 (6.35)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-375-595-YL	B-595	Vinyl	Black on Yellow	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-500-595-YL	B-595	Vinyl	Black on Yellow	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-750-595-YL	B-595	Vinyl	Black on Yellow	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-375-595-OR	B-595	Vinyl	Black on Orange	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-500-595-OR	B-595	Vinyl	Black on Orange	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-750-595-OR	B-595	Vinyl	Black on Orange	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-375-595-BK	B-595	Vinyl	White on Black	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-BK	B-595	Vinyl	White on Black	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-BK	B-595	Vinyl	White on Black	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-RD	B-595	Vinyl	White on Red	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-RD	B-595	Vinyl	White on Red	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-RD	B-595	Vinyl	White on Red	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-BL	B-595	Vinyl	White on Blue	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-BL	B-595	Vinyl	White on Blue	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-BL	B-595	Vinyl	White on Blue	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-BR	B-595	Vinyl	White on Brown	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-BR	B-595	Vinyl	White on Brown	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-BR	B-595	Vinyl	White on Brown	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-GN	B-595	Vinyl	White on Green	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-GN	B-595	Vinyl	White on Green	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-GN	B-595	Vinyl	White on Green	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-PL	B-595	Vinyl	White on Purple	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-500-595-PL	B-595	Vinyl	White on Purple	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-750-595-PL	B-595	Vinyl	White on Purple	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R4400
Fig. 33b	M21-375-595-GY	B-595	Vinyl	Black on Grey	0.375 (9.53)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-500-595-GY	B-595	Vinyl	Black on Grey	0.500 (12.70)	21 ft (6.40 m)	1 roll (cont.)	R6000
Fig. 33b	M21-750-595-GY	B-595	Vinyl	Black on Grey	0.750 (19.05)	21 ft (6.40 m)	1 roll (cont.)	R6000

* Cartridge is only compatible with the BMP®21-PLUS printer.

** Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary.

▶ Did You Know? M21 Cartridges



1. The necessary print ribbons for the BMP®21 Label Printer are self-contained within the label roll cartridge. So there's no need to order or load separate print ribbons!



2. M21 cartridges are compatible with the BMP®21-PLUS, BMP®21-LAB, BMP®21, IDPa™ and LabPa™ printer models unless otherwise noted.