



BP-846M+

BP-846M+ Series

Metal Chassis Industrial Printer

32bit CPU, 8"/second, 12MB Memory

Heavy-duty 3-in-1 Fast Label printer for Industrial market



-More and more user adjustable designs....

-Designed for industry and professionals use

-Factory Automation (F/A)

Ordering Information:

BP-846M+: 203 dpi, Thermal transfer/
direct printer, 8"/sec speed
Serial + parallel + USB

BP-8463M+: 300 dpi, Thermal transfer/
direct printer, 6"/sec speed
Serial + parallel + USB

1. Heavy-duty design and Fast label printing

In order to meet the rigid working environment and fast printing requirements in industry, new BP-846M+ is enhanced with improvements designed to increase the functionality and durability.

Besides the metal-housing with view windows, built-in 32 bit RISC CPU, printing speed up to 8 inches per seconds. It has the 12MB memory insides (4MB Flash memory and 8MB SDRAM), new BP-846M+ is built with metal media supply spindle, sturdy two roller damper, anti-static brush and media sensor lock; furthermore, the data processing speed is five times more and stepping motor is quieter running.

BP-846M+ is your good choice for quiet and easy operation, fast label printing in industry.

2. Versatile designs to meet the industrial needs

There are lots of flexible and professional designs on BP-846M+ to meet the industrial requirements. With our expert in the barcode printing field, we implement the professional devices to assure of your high-quality printing.

- ◆ User adjustable gap sensor.
- ◆ User adjustable printer head pressure knob.
- ◆ Present sensor.
- ◆ Unique ribbon handler design.
- ◆ Printer head hung-up.

3. USB and Internal Ethernet connation (optional)

To meet the USB and networking working environment, BP-846M+ offers the interfaces of USB/RS232/Parallel, which allows users to have the easy connection with their systems. Furthermore, optional for multiple interface card for Ethernet/PS2/SD card, that is another great advantage for uses' networking application. BP-846M+ makes networking systems a snap.

4. Emulate Zebra/ Eltron languages

BP-846M+ offers the well-known printer languages which includes Zebra & Eltron languages, and the user can easily install BP-846M+ with his existing working infra-structure.



Technical Specifications

	BP-846M+	BP-8463M+		BP-846M+	BP-8463M+
Printing method	Thermal Transfer & direct Thermal		Bar code	1D bar code: code 39, code 93, code 128UCC, code 128 subset A, B, C Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China Post, Logmars, GS1 DataBar	
Resolution	203 dpi	300 dpi		2D bar code: PDF-417, Maxicode, DataMatrix, QR code, Aztech	
Print speed	Up to 8 ips	Up to 6 ips	Environment condition	Operation: 5~40°C (41~104 F), 20~85% non-condensing Storage: -40~60°C (23~140 F); 5~90% non-condensing	
Max. print width	108mm (4.25")	104mm (4.09")	Safety regulation	CE, FCC	
Max. print length	2, 286mm (90")	1,016mm (40")	Accessories	<ul style="list-style-type: none"> ■ BarTender CD disk ■ Quick start guide ■ Power Cord ■ Label Spindle fixing tab 	
Command set	TSPL-EZ™		Options	<ul style="list-style-type: none"> ■ Bluetooth module (serial interface) ■ WiFi module (serial interface) ■ Peel-off kits (internal rewind + peel-off module) ■ Multi-interface Board: <ol style="list-style-type: none"> 1.) SD Slot + Ethernet + PS2 2.) SD Slot + Ethernet + PS2 + USB Host 3.) GPIO + SD Slot + Ethernet + PS2 4.) GPIO + SD Slot + Ethernet + PS2 + USB Host ■ Regular cutter (Guillotine cutter) ■ Heavy duty cutter (Rotary cutter) ■ Care label cutter (Rotary cutter) ■ Internal rewinding kit (internal rewind + label redirect front panel) 	
Physical dimension	505mm(L) x 270mm(W) x 308mm(H) 19.88"(L) x 10.63"(W) x 12.13"(H)				
Ribbon core diameter	25.4mm (1") CSO or CSI ribbon 600 m long, max. OD 90 mm				
Ribbon ink coating	Inside or outside coating				
Processor	32-bit RISC CPU				
Media Diameter	208.3mm OD (8.2"OD) with 25.4mm~ 76.2mm core (1" ~ 3" core)				
Media Type	Continuous, die-cut, fan-fold, tag, notched, black mark, perforated, care label (outside wound)				
Media thickness	0.06mm~ 0.30mm (2.3~ 11.8 mil), 300g/m				
Media width	25.4mm ~ 118 mm (1" ~ 4.6")				
Gap height	Min. 2mm				
Black mark	Min. 2mm				
Black mark width	Min. 8mm (0.31")				
Printout bias	Vertical: 1mm Max. Horizontal: 1mm Max.				
Label Length	5~2,286mm (0.20"~90")	5~1,016 mm (0.20"~40")			
Memory	<ul style="list-style-type: none"> ■ 4MB Flash memory ■ 8MB SDRAM 				
Power	Input: 100-240V, 3A, 50/60Hz Output: 24V, 3.3A, 80W Internal universal switching power supply				
Operation switch button	1 x power switch 6 x operation buttons (Menu, Pause, Feed, Up, Down, Select) LCD display (Graphic type, 128 x 64 pixel, with back light)				
Sensors	Position adjustable Gap Transmissive/ Black reflective sensor, Ribbon end sensor, Head open sensor				
Font & barcode rotation	0, 90, 180, 270 degree				



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