

BY-3S / BY-3SL Printers

Practical, low cost and reliable



Printing system	Line thermal dot printing
Printing width	48 mm (384 dots/line)
Dot density	8 dots/mm (Wigth, Length)
Paper feed pitch	0.125 mm
Printing speed	Approx. 11 lines/sec. (At maximum)
Printing columns and Character size	32 columns (12 x 24 Font A) 1.25 x 3.00 mm 42 columns (9 x 24 Font B) 0.88 x 1.92 mm
Line interval	Initial value: 4.23 mm (1/6 inch) Can be set with a command (1/360 inch at minimum)
Character types	Alphanumeric characters, symbols, international characters
Bar code type	UPC-A/E, JAN (EAN) 13-/8-column, ITF, CODE 39, CODE 128, CODABAR, PDF 417
Interface	Serial (RS-232c)
Input buffer	2 KB
Supply voltage	100 ~ 240 V 50/60 Hz
Power consumption	At non-printing: Approx. 2 W At printing: Approx. 15 W (approx. 20 W at maximum)
Weight	Main bodi: Approx. 750 g (Paper roll exculded) AC adapter: Approx. 350 g
Outer dimensions	106 (W) x 183 (D) x 126 (H) mm
Operating temperature and humidity	5 ~ 40°C, 35 ~ 85% RH (No dew condenstation)
Storage temperature and humidity	-20 ~ 60°C, 10 ~ 90% RH (No dew condenstation)
Reliability	Printing head life: (25°C) Pulse resistance: 50 million pulses or more (Print rate 12.5%) Wear resistance: 50 kg or more (With recommended) Thermal paper at normal temperature and humidity)
Emulation	ESC/POS (BY-3S) Label Printing, ELTRON compatible (ELP-2), label lenght 100 mm max (BY-3SL)

(Specifications are subject to change without notice. 03 / 2015)