

Technical specification

Ap800 series



THE POWER TO PRINT

Model	Ap863-F	Ap890	Ap892
Print method	Fixed head thermal (Epson M-T102 mechanism)	Impact (Epson M190 mechanism)	Impact (Epson M192 mechanism)
Number of columns	32 (default), 24 or 42	24	40
Print speed	13 lines per second (default character size) 50mm/second	2.5 lines per second	1.5 lines per second
Paper width (mm)	57.5 ± 0.5	57.5 ± 0.5	57.5 ± 0.5
Paper monitoring	Auto load, paper low, paper out	Paper low	Paper low
Character set	IBM® 224 character set, code page 437 (see note 1)	IBM® 224 character set, code page 437	IBM® 224 character set, code page 437
Dots per line (graphics)	384 (8 dots/mm)	144	240
Font (dots)	Default: 24 x 10 (32 char mode). 4 standard font size options. (See note 1)	7 x 5	7 x 5
Data input	Serial RS232/V24 as standard. Serial TTL optional. (see Note 2) Parallel option via data cable (Ap800-PSCC) IrDA option via accessory (Ap800-IRDA) Bluetooth option	Serial RS232/V24 as standard. Serial TTL optional. (see Note 2.) Parallel option via data cable (Ap800-PSCC) IrDA option via accessory (Ap800-IRDA)	Serial RS232/V24 as standard. Serial TTL optional. (see Note 2.) Parallel option via data cable (Ap800-PSCC) IrDA option via accessory (Ap800-IRDA)

Note 1: Using the proprietary Font Editor Utility software (order code Ap800FEU) enables customisation of character fonts by the user.

Note 2: Append the suffix –TTL for this option. EG Ap863-F becomes Ap863-F-TTL.

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Model	Ap863-F	Ap890	Ap892
Data buffer	20 Kb	8 Kb	8 Kb
Baud rate	1200 to 57600 (software selectable)	9,600 (others by arrangement)	9,600 (others by arrangement)
Power supply options (order separately)	NiCad battery pack (Ap800BP-01) or NiMH battery pack (Ap800NMHBP-01) Battery charger for use with above battery packs (3 types available: Euro: BC801E; British: BC801B or American: BC801A) OR: +11V to +18V DC-DC Converter (Ap800DC-DC) for 12V automotive applications OR: Universal direct mains power supply module (Ap800PSA). Power cord and plug available separately.		
Dimensions (mm)	104 (w) x 82 (h) x 158 (d)	104 (w) x 82 (h) x 158 (d)	104 (w) x 82 (h) x 158 (d)
Weight (including full roll of paper)	Approx. 525g	Approx. 525g	Approx. 525g
Temperature range (operating)	0 – 50°C	0 – 50°C	0 – 50°C
Reliability - MCBF (lines)	5 x 10 ⁶	1.5 x 10 ⁶	0.9 x 10 ⁶