

Printing Technology			
Print Method		Impact dot matrix	
Number of Pins in Head		24 pins	
Print Direction		Bi-direction with logic seeking	
Control Code		ESC/P2 and IBM PPDS emulation	
Print Speed			
High Speed Draft	10 / 12 cpi	347 / 416 cps	
Draft	10 / 12 / 15 cpi	260 / 312 / 390 cps	
Draft Considered	17 / 20 cpi	222 / 260 cps	
LQ	10 / 12 / 15 cpi	86 / 103 / 129 cps	
LQ Considered	17 / 20 cpi	147 / 172 cps	
Print Characteristics			
Character Sets		Italic table, PC437 (US Standard English), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863(Canadian-French), PC865 (Nordic), Abicomp, BRASCI, Roman 8, ISO Latin 1, PC 858, ISO 8859-15	
Bitmap Fonts		Epson Draft: 10, 12, 15 cpi; Epson Roman & San Serif: 10, 12, 15 cpi, Proportional; Epson Courier: 10, 12, 15 cpi; Epson Prestige: 10, 12 cpi; Epson Script, OCR-B, Orator & Orator-S: 10cpi; Epson Script C: Proportional	
Scalable Fonts		Epson Draft: 10, 12, 15 cpi; Epson Roman & San Serif H: 10.5pt., 8pt. – 32pt. (every 2pt.)	
Barcode Fonts		EAN-13, EAN-8, interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet	
Printable Columns			
Pitch	10 / 12 / 15 / 17 / 20 cpi	80 / 96 / 120 / 137 / 160 cpl	
Paper Handling			
Paper Path	Tractor	Rear in, Top out	
	Manual Insertion	Rear in, Top out	
Paper Size	Length	Width	Thickness
Cut Sheet (Single Sheet)	100 ~ 365mm (3.9 ~ 14.3")	100 ~ 257mm (3.9 ~ 10.1")	0.065 ~ 0.14mm (0.0025 ~ 0.0055")
Cut Sheet (Multi Part)	100 ~ 365mm (3.9 ~ 14.3")	100 ~ 257mm (3.9 ~ 10.1")	0.12 ~ 0.32mm (0.0047 ~ 0.0126") (Total)
Envelope (No. 6)	92mm (3.6")	165mm (6.5")	0.16 ~ 0.52mm (0.0063 ~ 0.0205") (Total)
Envelope (No. 10)	105mm (4.1")	241mm (9.5")	0.16 ~ 0.52mm (0.0063 ~ 0.0205") (Total)
Continuous Paper (Single Sheet and Multi Part)	101.6 ~ 558.8mm (4.0 ~ 22.0")	101.6 ~ 254.0mm (4.0 ~ 10.0")	0.065 ~ 0.32mm (0.0025 ~ 0.0126") (Total)
Roll Paper	N.A.	216mm (8.5")	0.07 ~ 0.09mm (0.0028 ~ 0.0035")

Paper Feeding	
Standard	Friction
Optional	N.A.
Copies	Original + 3 copies
Line Spacing	4.23mm (1/6") or programmable in increments of 0.118mm (1/216")
Input Data Buffer	128KB
Interface	
Standard	Bi-directional parallel interface (IEEE-1284 nibble mode supported)
	USB 2.0 Full-Speed
	Serial
Ribbon Cartridge	
Standard	Fabric Ribbon Cartridge (Black)
Ribbon Life	Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character)
Acoustic Noise	Approx. 53 dB(A) (ISO 7779 pattern)
Reliability	
Mean Print Volume Between Failure (MVBF)	Approx. 20 million lines (Except print head)
Mean Time Between Failure (MTBF)	Approx. 10,000 POH (25% Duty)
Print Head Life	Approx. 400 million strokes/wire
Control Panel	4 switches and LEDs
Environmental Conditions (Operating)	
Temperature	5 ~ 35°C
Humidity	10 ~ 80 % RH
Electrical Specification	
Rated Voltage	AC 120V / AC220 – 240V
Rated Frequency	
Power Consumption	
Operating	Approx. 22W (ISO/IEC 10561 Letter pattern), (ENERGY STAR compliant)
Sleep Mode	Approx. 1.0 W (120V) / 1,3 W (230V)
Auto Off Mode	Approx. 0.5W
Power Off	0W
Printer Driver / Utility	
Operating System	Microsoft Windows 2000 / XP / 7 , Microsoft Windows Vista
Utility	
Epson Status Monitor 3	Microsoft Windows 2000 / XP / 7 , Microsoft Windows Vista
Epson Printer Setting	Microsoft Windows 2000 / XP / 7 , Microsoft Windows Vista

Epson LQ-310 Specifications

