

Ficha técnica

Epson

Modelos / familias

LQ-2090II, LQ-590II

Fuente del fabricante

User's Guide (v1.0)

<https://download.epson-europe.com/pub/download/6362/epson636218eu.pdf>

Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

Printer Specifications

Mechanical

Printing method:	24-pin impact dot matrix	
Printing speed:	Ultra high speed draft	550 cps at 10 cpi
	High speed draft	487 cps at 10 cpi 584 cps at 12 cpi
	Draft	366 cps at 10 cpi 439 cps at 12 cpi 549 cps at 15 cpi
	Letter quality	121 cps at 10 cpi 145 cps at 12 cpi
Printing direction:	Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands.	
Line spacing:	4.23 mm (1/6-inch) or programmable in 0.0706 mm (1/360-inch) increments	
Printable columns:	LQ-590II/LQ-590IIN: 80 columns (at 10 cpi)	
	LQ-2090II/LQ-2090IIN: 136 columns (at 10 cpi)	
Resolution:	Maximum 360 × 180 dpi (Letter quality)	
Paper feed methods:	Friction (front, rear) Push tractor (front, rear) Pull tractor (front, bottom, rear) Push and pull tractor (additional tractor is required) (front, rear) CSF Bin1/Bin2 (optional) Roll paper holder (optional)	

Paper feed speed:	Continuous	139 mm/second 5.5 inches/second
	Intermittent	40.7 msec/line at 1/6 inch line spacing
Paper capacity:	Single-bin cut-sheet feeder up to 50 sheets of 82 g/m ² (22 lb) paper	
	Note: The total thickness of the paper stack can be up to 5 mm (0.20 inch). High-capacity cut-sheet feeder up to 150 sheets of 82 g/m ² (22 lb) paper up to 25 plain or bond envelopes up to 30 airmail envelopes	
	Note: The total thickness of the paper stack can be up to 15 mm (0.59 inch).	
Reliability:	Total print volume	50 million lines (except print head)
		MTBF 25,000 POH (25% duty)
	Print head life	400 million strokes /wire Approx. 400 million characters (Draft, 10 cpi, 14 dots/character)

Dimensions and weight:	LQ-590II/LQ-590IIN:	
	Height	176.5 mm (6.9 inches) (not including paper release lever)
	Width	437 mm (17.2 inches)
	Depth	320 mm (12.6 inches) (not including the sheet guide)
	Weight	approx. 7.2 kg (15.9 lb)
	LQ-2090II/LQ-2090IIN:	
	Height	176.5 mm (6.9 inches) (not including paper release lever)
	Width	612 mm (24.1 inches)
	Depth	320 mm (12.6 inches) (not including the sheet guide)
	Weight	approx. 9.4 kg (20.7 lb)
Ribbon:	Black ribbon cartridge	S015337 for LQ-590II/LQ-590IIN S015335 for LQ-2090II/LQ-2090IIN (For users in America) S015336 for LQ-2090II/LQ-2090IIN (For worldwide users)
	Ribbon life	approx. 5 million characters (LQ, 10 dpi, 48 dots/character) for LQ-590II/ LQ-590IIN approx. 8 million characters (LQ, 10 dpi, 48 dots/character) for LQ-2090II/ LQ-2090IIN
Acoustic noise:	Approx. 55 dB (A) (ISO 7779 pattern)	

Electronic

Interfaces:	LQ-590II/LQ-2090II: One standard bidirectional, 8-bit, parallel interface with IEEE 1284 nibble mode support and one Hi-Speed USB interface
	LQ-590IIN/LQ-2090IIN: One standard bidirectional, 8-bit, parallel interface with IEEE 1284 nibble mode support, one Hi-Speed USB interface, serial interface, and Network interface.
Buffer:	128KB
Fonts:	Bitmap fonts: Epson Draft 10, 12, 15 cpi Epson Roman 10, 12, 15 cpi, proportional Epson Sans Serif 10, 12, 15 cpi, proportional Epson Courier 10, 12, 15 cpi Epson Prestige 10, 12 cpi Epson Script 10 cpi Epson OCR-B 10 cpi Epson Orator 10 cpi Epson Orator-S 10 cpi Epson Script C proportional
	Scalable fonts: EPSON Roman 10.5 pt., 8 pt. - 32 pt. (every 2 pt.) EPSON Sans Serif 10.5 pt., 8 pt. - 32 pt. (every 2 pt.) EPSON Roman T 10.5 pt., 8 pt. - 32 pt. (every 2 pt.) EPSON Sans Serif H 10.5 pt., 8 pt. - 32 pt. (every 2 pt.)
	Bar code fonts: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET

Character tables:

Standard model:

Italic table,

PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (Canadian-French), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15

Expanded model:

Italic table,

PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (Canadian-French), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15, PC 437 Greek, PC 852 (Eastern Europe), PC 853 (Turkish), PC 855 (Cyrillic), PC 857 (Turkish), PC 866 (Russian), PC 869 (Greek), MAZOWIA (Poland), Code MJK (CSFR), ISO 8859-7 (Latin/Greek), ISO Latin 1T (Turkish), Bulgaria (Bulgarian), PC 774 (LST 1283: 1993), Estonia (Estonian), PC 771 (Lithuanian), ISO 8859-2, PC 866 LAT. (Latvian), PC 866 UKR (Ukrainian), PC APTEC (Arabic), PC 708 (Arabic), PC 720 (Arabic), PC AR 864 (Arabic), PC437 Slovenia, PC MC, PC1250, PC1251, KZ1048 (Kazakhstan)

Character sets:

15 international character sets:

USA, France, Germany, UK, Denmark I, Sweden, Italy, Spain I, Japan, Norway, Denmark II, Spain II, Latin America, Korea, Legal

Electrical

	200 V Model	Universal (UPS) Model
Rated voltage range	220 to 240 V	100 to 240 V
Input voltage range	198 to 264 V	90 to 264 V
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	1.4 A (maximum 1.7 A depending on the character type)	2.0 A - 0.9 A (maximum 3.1 A - 1.1 A depending on the character type)

Power consumption (with USB connection)	220 to 240 V: Approx. 49 W (ISO/IEC 10561 Letter pattern) LQ-590II/LQ-2090II: Approx. 0.5 W in sleep mode* LQ-590IIN/LQ-2090IIN: Approx. 0.8 W in sleep mode*	100 to 120 V: Approx. 52 W (ISO/IEC 10561 Letter pattern) LQ-590II/LQ-2090II: Approx. 0.4 W in sleep mode* LQ-590IIN/LQ-2090IIN: Approx. 0.7 W in sleep mode*
		220 to 240 V: Approx. 50 W (ISO/IEC 10561 Letter pattern) LQ-590II/LQ-2090II: Approx. 0.5 W in sleep mode* LQ-590IIN/LQ-2090IIN: Approx. 0.8 W in sleep mode*

* When the configured time passes in the following condition, the printer enters sleep mode.

- not error.
- not pause.
- There is no data in input buffer.

Note:

Check the label on the back of the printer for the voltage of your printer.

Environmental

	Temperature	Humidity (without condensation)
Operation (plain paper)	5 to 35 °C (41 to 95 °F)	10 to 80 % RH
Operation (recycled paper, envelope, label, or roll paper)	15 to 25 °C (59 to 77 °F)	30 to 60 % RH
Storage	-30 to 60 °C (-22 to 140 °F)	0 to 85 %

System Requirements

Windows 10 (32-bit, 64-bit)/Windows 8.1 (32-bit, 64-bit)/Windows 8 (32-bit, 64-bit)/Windows 7 (32-bit, 64-bit)/Windows Vista (32-bit, 64-bit)/Windows XP SP3 or later (32-bit)/Windows XP Professional x64 Edition SP2 or later/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2/Windows Server 2008/Windows Server 2003 R2/Windows Server 2003 SP2 or later