

# LQ-680Pro Impact Printer

Impact Printer

Business



## Engineered for fast, reliable performance that's sure to impact your output.

**Fast, 24-pin printing** — print letter-quality labels, invoices, packing slips and more up to 413 cps in High-Speed Draft mode<sup>1</sup>

**Automatically adjusts for thick forms** — Automatic Platen Gap (APG) flatbed adjustment technology easily accommodates forms of varying thicknesses

**Convenient multipart printing** — handles up to 6-part forms<sup>2</sup>

**Versatility for all your back-office needs** — provides a variety of built-in fonts

**Reliability you can count on** — ideal for the most demanding print tasks; MTBF rating of 10,000 power-on hours; 400-million strokes/wire printhead<sup>3</sup>

**Works with most Windows® applications** — supports Windows 3.1x, 95, 98, 2000, Me and NT 3.51/4.0<sup>4</sup>; features Epson ESC/P® 2 and IBM® 2390 Plus emulation

**World-class service and support** — includes a 2-year limited warranty and access Epson technical support

**General**

**Printing Method** 24-pin impact dot matrix  
**Print Direction** Bidirectional with logic seeking  
**Columns** 106 columns (10 cpi)  
**Print Speed<sup>1</sup>**  
 High Speed Draft: 413 cps (10 cpi)  
 Draft: 310 cps (10 cpi)  
 Letter Quality: 103 cps (10 cpi)  
**Input Buffer** 64KB  
**Noise Level** 55 dBA  
**Reliability<sup>3</sup>**  
 MTBF: 10,000 POH (25% duty cycle)  
 MVB: 20 million lines  
 Printhead Life: 400 million strokes/wire

**Interface**

Bidirectional 8-bit parallel interface (IEEE -1284 Nibble Mode supported)  
 Type-B interface slot option

**Character Sets**

13 standard version  
 39 NLS version  
 14 international character sets

**Resident Fonts**

EPSON Draft: 10, 12, 15  
 EPSON Roman: 10, 12, 15, proportional  
 EPSON Sans Serif: 10, 12, 15, proportional  
 EPSON Courier: 10, 12, 15  
 EPSON Prestige: 10, 12  
 EPSON Script: 10  
 EPSON OCR-B: 10  
 EPSON Orator: 10  
 EPSON Orator-S: 10  
 EPSON Script C: Proportional  
 Bar Code Fonts: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet

**Formatting**

1/6" (4.23 mm) or programmable in increments of 1/360" (.0706 mm)

**Paper Feed Speed**

64 milliseconds per 1/6"  
 5" per second continuous feed

**General (Continued)**

**Software Drivers<sup>4</sup>**  
 Windows 3.1, 95, 98, 2000, Me and NT 3.51/4.0

**Printer Language**

ESC/P 2  
 IBM 2390 Plus emulation

**Control Panel Functions**

Font, pause, tear off, LF/FF, load/eject, micro adjust, self test, data dump and the default settings

**Printer**

**Rated Voltage** AC 120 V  
**Input Voltage Range** AC 99 to 132 V  
**Rated Frequency Range** 50 to 60 Hz  
**Input Frequency Range** 49.5 to 60.5 Hz  
**Dimensions (W x D x H)** 19.6" x 15.2" x 9.0"  
**Weight** 20.7 lb

**Ribbon Cartridge** Type: Fabric; Color: Black  
**Ribbon Life<sup>5</sup>** 2 million characters (10 cpi, 48 dots/character)

**Limited Warranty** Two-year limited warranty in the U.S. and Canada

**Extended Service Plan<sup>6</sup>** Up to an additional 2 years, available in 1- or 2-year increments

**Paper Handling**

**Forms** 1 original + 5 copies<sup>2</sup>  
**Cut-sheet Single-sheet (front entry, manual insertion)**

Width: 3.5" to 12"  
 Length: 2.8" to 16.5"  
 Thickness: .0025" to .0074"

**Cut-sheet Multipart (front entry, manual insertion)**

Width: 3.5" to 12"  
 Length: 2.8" to 16.5" (line glue on one, side of the form, 11.7" maximum)  
 Thickness: .0047" to .018"

**Copy Capability** 1 + 5 copies<sup>2</sup>

**Envelope**

No. 6, No. 10  
 Thickness: .0063" to .0205"

**Continuous Paper**

Width: 4" to 12", Length (one page): 3" to 22"  
 Thickness: .0025" to .018"

**Continuous Forms with Labels**

Base Sheet Width: 4" to 12"  
 Base Sheet Length: 3" to 22"  
 Total Thickness: .0075"

**Paper Handling (Continued)**

**Roll Paper**

Width: 8.5"  
 Thickness: .0028" to .0035"

**Paper Feed Methods**

Feeding Method: Friction feed (front manual, rear cut-sheet feeder), push tractor feed (rear)

Feeder: Rear push tractor, cut-sheet feeder bin 1/bin 2 (option), roll paper holder (option)

**Paper Path**

Manual Insertion: Front in, front out  
 Cut-sheet Feeder: Rear in, front out  
 Tractor: Rear in, front out

**Eco Features**

RoHS compliant  
 Recyclable product<sup>7</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>8</sup>

**Ordering Information**

Product Code	Description
C376101	Epson <sup>®</sup> LQ-680Pro impact printer
7762L	Ribbon cartridge
8310	Roll paper holder

**Interface Boards—Type B**

C823051	Serial
C823071	32KB Serial
C823121	LocalTalk
C823141	Coax
C823151	Twinax
C823452	Bidirectional Parallel
C12C823912	Multiprotocol 10/100 Base-TX Ethernet print server

For additional information, please contact your Epson representative.

<sup>1</sup> Based on Ultra Speed draft at 10 cpi. | <sup>2</sup> One original, plus five copies, is available only under normal temperature and humidity conditions. | <sup>3</sup> Ratings are estimates only, based on normal use of the product, and are not warranted. Epson's only warranty for this product is contained in the standard limited warranty statement for this product. | <sup>4</sup> Additional software drivers available in your Windows operating system or at [www.epson.com](http://www.epson.com) | <sup>5</sup> Based on Letter Quality printing, 10 cpi, 48 dots/character. | <sup>6</sup> See limited warranty or individual extended service plan for details. | <sup>7</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>8</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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