

EPSON LQ-680Pro Specifications

PRINTER TYPE PRINTING METHOD NUMBER OF PINS IN HEAD PRINT DIRECTION	Impact Dot Matrix 24 pins Bi-directional with logic seeking												
PRINTING SPEED High Speed Draft 10 cpi Draft 15 cpi Draft 12 cpi Draft 10 cpi Draft 20 cpi Condensed Draft 17 cpi Condensed LQ 15 cpi LQ 12 cpi LQ 10 cpi LQ 20 cpi Condensed LQ 17 cpi Condensed	413 cps 465 cps 372 cps 310 cps 310 cps 264 cps 155 cps 124 cps 103 cps 206 cps 175 cps												
PRINT CHARACTERISTICS Character Sets BitMap Fonts Scalable Fonts Bar Code Fonts	1 legal character set, 14 international character sets 13 character code tables (Standard), Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCII, Roman 8, ISO Latin1, PC858, ISO 8859-15 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 Script C : Proportional EPSON OCR-B : 10 cpi EPSON Orator : 10 cpi EPSON Orator-S : 10 cpi EPSON Roman : 8 to 32 points EPSON Sans Serif : 8 to 32 points EPSON Roman T : 8 to 32 points EPSON Sans Serif H : 8 to 32 points EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet												
PRINTABLE COLUMNS Pitch (cpi) 10 cpi 12 cpi 15 cpi 17 cpi Condensed 20 cpi Condensed	<table border="1"> <thead> <tr> <th>Characters per line</th> <th>Characters</th> </tr> </thead> <tbody> <tr> <td>106</td> <td>10</td> </tr> <tr> <td>127</td> <td>12</td> </tr> <tr> <td>159</td> <td>15</td> </tr> <tr> <td>181</td> <td>17.1</td> </tr> <tr> <td>212</td> <td>20</td> </tr> </tbody> </table>	Characters per line	Characters	106	10	127	12	159	15	181	17.1	212	20
Characters per line	Characters												
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PAPER HANDLING Paper Path	Manual Insertion : Front in, Front out Tractor : Rear in, Front out Cut Sheet Feeder : Rear in, Front out												

Single Sheet Size	Width : 90 ~ 304.8 mm (3.5 ~ 12.0 ")* Length : 70 ~ 420 mm (2.8 ~ 22.0 ") Can also print labels - for single sheet loading only
Paper Thickness	Cut Sheet : Single sheet 0.065~0.19 mm (0.0025~0.0074 ")* Multi-part forms 0.12~0.46 mm (0.0047~0.018 ") Envelope : 0.16~0.52 mm (0.0063~0.0205 ") Continuous Paper : Single sheet / Multi-part forms 0.065~0.46 mm (0.0025~0.018 ") Continuous forms with labels : Base Sheet 0.07~0.09 mm (0.0028~0.0035 ") Total Sheet 0.16~0.19 mm (0.0063~0.0075 ")
Paper Feeding Standard	Friction : Manual insertion (Front in, Front out) Push Tractor : Rear in, Front out
Optional Feeder	Friction : Cut Sheet Feeder (Rear in, Front out)
Copies	Original + 5 copies
Line Spacing	1/6 inch or programmable by 1/360 inch
Paper Thickness Setting	Auto / Manual
Paper Path Setting	Auto / Manual
INPUT DATA BUFFER	64 K Byte
INTERFACES	
Standard	Centronics®-type 8-bit parallel interface (IEEE-1284 Nibble mode)
Option	Expansion slot (Optional Type B interfaces)
RIBBON CARTRIDGE	
Colour	Black
Type	Fabric ribbon cartridge
Ribbon Life	Approx. 2 million characters (LQ 10cpi, 48 dots/character)
ACCOUSTIC NOISE	Approx. 55dB (A) (ISO 7779 pattern)
RELIABILITY	
MVBF (Mean Print Volume Between Failure)	20 million lines (Except print head)
MTBF (Mean Time Between Failure)	10000 POH (25% duty cycle)
Print Head Life	400 million strokes/wire
CONTROL PANEL	LQ-680Pro : 7 switches, 10 LEDs
ENVIRONMENT CONDITIONS (OPERATING)	
Temperature	5~35 °C
Humidity	10~80 % RH
DIMENSIONS	
Width x Depth x Height	497 x 387 x 230 mm
Weight	Approx. 9.4 kg

ELECTRICAL SPECIFICATIONS

Rated Voltage

AV 220~240 V

Rated Frequency

50~60 Hz

Power Consumption

Approx. 42W (ISO/IEC 10561 letter pattern)

PRINTER DRIVER / UTILITIES

OS

Microsoft® Windows® Operating System Versions
3.1/95/98/2000 and Microsoft® Windows® NT®
Operating System Versions 3.50/3.51/4.0

Utilities

EPSON Remote! (MS-DOS environment only)

EPSON

Status Monitor 3 (Microsoft® Windows® 95/98/2000
and Microsoft® Windows® NT® Operating System
Version 4.0 environment only)**OPTIONS**

Ribbon Cartridge

S015016

High Capacity Cut Sheet Feeder

C806872

Second-Bin Cut Sheet Feeder †

C806792

Roll Paper Holder

#8310

Type B Serial Interface Card

C823061

Type B 32KB Intelligent Serial Interface Card

C823081

Type B IEEE-1284 Parallel Interface Card

C823453

Type B 32KB IEEE-488 Interface Card

C823132

Type B Interface Card For LocalTalk™

C823122

Type B Coax Interface Card

C823142

Type B Twinax Interface Card

C823152

EPSONNet 10 Base 2/T Int. Print Server

C823623

EPSONNet 10/100 Base TX Int. Print Server ‡

C823633

EPSONNet 10/100 Base TX Int. Print Server

C823844

* Manual Insertion

† Second-Bin Cut Sheet Feeder cannot be used without High Capacity Cut Sheet Feeder

‡ Regional AC Adaptor Set (C82525) is required