

EPSON LQ-680Pro Specifications

PRINTER TYPE			
PRINTING METHOD		Impact Dot Matrix	
NUMBER OF PINS IN HEAD		24 pins	
PRINT DIRECTION		Bi-directional with logic seeking	
PRINTING SPEED			
High Speed Draft	10 cpi	413 cps	
Draft	15 cpi	465 cps	
Draft	12 cpi	372 cps	
Draft	10 cpi	310 cps	
Draft	20 cpi Condensed	310 cps	
Draft	17 cpi Condensed	264 cps	
LQ	15 cpi	155 cps	
LQ	12 cpi	124 cps	
LQ	10 cpi	103 cps	
LQ	20 cpi Condensed	206 cps	
LQ	17 cpi Condensed	175 cps	
PRINT CHARACTERISTICS			
Character Sets		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	
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 Script C : Proportional EPSON OCR-B : 10 cpi EPSON Orator : 10 cpi EPSON Orator-S : 10 cpi	
Scalable Fonts		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	
Bar Code Fonts		EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet	
PRINTABLE COLUMNS			
Pitch (cpi)		Characters per line	Characters
10 cpi		106	10
12 cpi		127	12
15 cpi		159	15
17 cpi Condensed		181	17.1
20 cpi Condensed		212	20
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) MTBF (Mean Time Between Failure) Print Head Life	20 million lines (Except print head) 10000 POH (25% duty cycle) 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 Rated Frequency Power Consumption	AV 220~240 V 50~60 Hz Approx. 42W (ISO/IEC 10561 letter pattern) Energy Star Compliant
PRINTER DRIVER / UTILITIES OS Utilities EPSON	Microsoft® Windows® Operating System Versions 3.1/95/98/2000 and Microsoft® Windows® NT® Operating System Versions 3.50/3.51/4.0 EPSON Remote! (MS-DOS environment only) Status Monitor 3 (Microsoft® Windows® 95/98/2000 and Microsoft® Windows® NT® Operating System Version 4.0 environment only)
OPTIONS Ribbon Cartridge High Capacity Cut Sheet Feeder Second-Bin Cut Sheet Feeder † Roll Paper Holder Type B Serial Interface Card Type B 32KB Intelligent Serial Interface Card Type B IEEE-1284 Parallel Interface Card Type B 32KB IEEE-488 Interface Card Type B Interface Card For LocalTalk™ Type B Coax Interface Card Type B Twinax Interface Card EPSONNet 10 Base 2/T Int. Print Server EPSONNet 10/100 Base TX Int. Print Server ‡ EPSONNet 10/100 Base TX Int. Print Server	S015016 C806872 C806792 #8310 C823061 C823081 C823453 C823132 C823122 C823142 C823152 C823623 C823633 C823844

* Manual Insertion

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

‡ Regional AC Adaptor Set (C82525) is required