

S84NX / S86NX Series

The most versatile thermal print engines yet

With improved flexibility, usability, connectivity and reliability, our flagship print engines are now equipped with next level SATO innovation, eclipsing all previous expectations.

Designed for the most demanding environments, the series is available in both 4" and 6", direct thermal/thermal transfer and direct thermal solutions. Ideal for printing **text data**, **barcodes**, **RFID tags** and **labels**. Its unrivalled versatility in performance is due to its excellent capabilities in emulation, PC-Less printing through Simple Stand Alone Mode or more complex AEP autonomous applications, alongside fast throughput and print speed.



Advanced intelligence

AEP

Application Enabled Printing can swiftly transform and simplify printing operations to reduce business costs. It enables the printer to be used without a PC by connecting to peripheral devices to easily print labels and tags, while maximising productivity by integrating with PLC's, eliminating the need for additional external devices, neither PCs, or any type of special software. It also features useable built-in memory for additional AEP software applications like AEP Utility and AEP Works.

EMULATION

Auto detection of major emulation languages enable seamless switching from SATO legacy models or other brands. These include:

- Standard SBPL and programmable AEP
 - SZPL SDPL SIPL
 - STCPL PDF Direct Printing

Improved Usability

BUILT-IN VIDEO

Users can understand how to operate the device in minutes by watching short videos on the printer's 3.5-inch colour display screen, significantly reducing the learning curve. In addition, users can add supplementary images and videos, making it fully customisable to their environment.

REGISTERED SHORTCUTS

Create custom shortcuts to limit access to select parameters only and prevent accidental changes to operations.

EASE OF MAINTENANCE

With no tools required, print head replacement is quick and easy, while a non-stick surface prevents labels from getting jammed. A universal gearbox – that supports all print resolutions – is also used to ensure it can be replaced quickly, while reducing inventory space and time.

High Reliability & Accuracy

RFID-READY

Providing supreme accuracy, SATO printers are designed with high-speed data rates and right-first time tagging capabilities to meet the needs of the most complex business environment.

SOS

By monitoring printers 24/7 via cloud, SATO Online Services enables proactive preventative maintenance and helps reduce downtime by up to 86%*.

*based on survey conducted by SATO in Japan

More Great Features

MULTIPLE INTERFACES

Support both legacy and future host environments with standard RS232C, USB, LAN and NFC interfaces, with network speeds up to 100Mbps. Optional interfaces include Wireless LAN (IEEE 802.11 ac standard) with WEP, WPA, and WPA2 security protocols.

ONE-DISPLAY

Users can take control of print engine operations easily with the built-in virtual display functionality that shows the display in any other device.



IMPROVED STABILITY

Larger hinges are now used to provide extra strength for securing the printer cover, alongside aluminium extrusions to replace the original welded plates for added robustness.

Price Pric	PRINTIN	IG S <u>PECIF</u>	ICATION		S84NX			SNX			
Price Pacification	PRINTING SPECIFICATION Printing Method					Thermal Transfer or Direct					
Map Particle Speed 16 pts 406.4 mm/seed 14 pts 255.6 mm/seed 12 pts 269.8 mm/seed	Ü			8 dots / mm (203 dpi)			,	12 dots / mm (305 doi			
Width mm (mich) 2500 mm (94.87) 1500 mm (94.97) 2500 mm (94.97) 2400 mm (95.27) 2500 mm (94.97) 2400 mm (95.97) 2500 mm (94.97) 2400 mm (96.97) 2600 mm (9											
Map	·										
Processor	Max. Print Area		2500 mm (09 42")		400 mm (1E 7E")						
Construction	Dragona		Length min (inch)	2300 11111 (70.43)			` ′				
Sensor type											
March Speace (Paper Label Gap Sancer (Transmission), Paper and, Ribbon neace-addrend (Media Trickness Displayers Red or fan fold die our baske, Planipaper face stock, Synthetics and Continuous stock (Media Trickness Displayers	Printer N	/lemory			CPU1: 2GB ROM,	, 256MB RAM, CPU2: 4MB	ROM, 64MB RAM				
Media Tripiones	CONSU	MABLES S	PECIFICATION (Re	commended to use print	er supplies manufactured o	or certified by SATO)					
Media Trickness	Sensor T	уре		I-Mai	k Sensor (Reflective), Label	Gap Sensor (Transmissive),	Paper-end, Ribbon near-en	d/end.			
With	Media Ty	/ре		R	oll or fan-fold die cut labels	, Plain paper face stock, Sy	nthetics and Continuous sto	ock			
Continuous Langth 9 to 2020 mm 9 to 4020 mm	Media Tl	hickness			0.0	5 ~ 0.31 mm (0.002" to 0.0	12")				
Label Length Length (3.35 to 98.54") (3.35 to 98.54") (3.35 to 98.17") (3.25 to 15.37") S4 to 180 mm (2.27 to 7.07") S4 to 180 mm (2.27 to 6.07") Length 450 mm to 120 mm (0.08" to 5.07") S7 mm (1.57") S8 mm to 157 mm (2.22" to 6.07") Length 450 mm to 120 mm (0.08" to 5.07") S8 mm (1.57") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm (2.22" to 6.07") Length 450 mm to 170 mm to 170 mm (2.22") S8 mm (1.57") S8 mm			Width		13 to 131mm (0.51" to 5.16	")	54 to 180 mm	(2.13" to 7.09")			
Dispenser Width Informal Transfer Model: 18 to 35 mm (0.51* to 14.3") / Direct Thermal Model: 18 to 160 mm (2.1" to 7.09") Width: 25 mm to 128 mm (0.98" to 5.04") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 450 m (14/6.4 ft.); who width is less than 39.5 mm (1.55") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (9.32" to 6.97") Width: 59 mm to 177 mm (9.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 mm (19.32" to 6.97") Length: 400 m (19/8.5 ft.) Width: 59 mm to 177 m	Label	Continue									
Length Length Transfer Model: 13 to 39 mm (0.51* to 13.13*) Direct hermal Model: 18 to 39 mm (0.71* to 14.13*)	Size	Diamana		13 to 131 mm (0.51" to 5.16") 54 to 180 mm (2.13" to 7.09"				(2.13" to 7.09")			
Length-Width Length-450 m (1976.4 ft.) when width is less than 39.5 mm (1.5°) Wilt. 39 mm (1.5°)		Dispense	er Length	Thermal Transfer Model: 13 to 359 mm (0.51" to 14.13") / Direct Thermal Model: 18 to 359 mm (0.71" to 14.13")				0.71" to 14.13")			
Ribbon Roll diameter Core Core Core Core Core Core Core Co		Length/Width		Length: 450 m (1476.4 ft.) when width is less than 39.5 mm (1.56") Length: 450 m (1476.4 ft.) when width is less than 39.5 mm (1.56") Length: 450 m (1476.4 ft.) when width is less than 39.5 mm (1.56")							
Core diameter: 0.25.4 mm (1*) Wind direction Face-in/out, No Setting Change Required Fibbon others FEIthornor Ribbon Tension Control System FONTS / SYMBOLOGIES Standard Bitmap Ju. S. M., WB, WL, XU, XS, XM, XB, XL, OCR-A, OCR-B Tiff Fonts Fonts Fonts Standard Bitmap Ju. S. M., WB, WL, XU, XS, XM, XB, XL, OCR-A, OCR-B Face-in/out, XI, XS, XM, XB, XL, OCR-A, OCR-B Tiff Fonts Fonding Major Latin and Pan-European Code Pages (MCIA), GB18203 (jumplied Chinese), BIST (stratistional Chinese), KSX1001 (Korean This (CPR74), Arabic, UTR-B and UTF-168E (downloaded fonts) Encoding Fine Code 39, Code 39, Code 128, CODABAR (NWT), EARLY), GB18203 (jumplied Chinese), BIST (stratistional Chinese), KSX1001 (Korean This (CPR74), Arabic, UTR-B and UTF-168E (downloaded fonts) Encode PDF417, Micro PDF, Maxi Code, GS1 Badari, GS1-128UcC-EAN128), Interleaved 25, Industrial 13, ANAI-13, AN	Ribbon	Doll -I:-	notor	out m (1968.5 ft.) when width is equal or more than 39.5 mm (1.55°)							
Wind direction Face-in/out, No Setting Change Required	ווטטטווו										
Electronic Ribbon Tension Control System											
Internal Fonts Standard Bitmap TTF Fonts Standard Bitmap TTF Fonts TTF TTF TTF TTF TTF TTF TTF TTF TTF TT			ection				•				
Internal Fonts TTF Fonts 30 scalable SATO fonts, Multi-national language support (47 languages/Unicode), Single- and double-byte font support (Korean, Chinese, Japanese) Major Latin and Pan-European Code Pages (WGLA), G8118303 (simplified Chinese), BIGS (traditional Chinese), KSX1001 (Korean Thai (CPRIA), Arabic, UTR-1-8 and UTR-1-68E (download fonts)) Barcode Linear Code 39, Code 93, Code 128, CODABAR (NIVIT), EANB/13, G51-DatabarTM, G51-128UCC/EAN128), Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / JANN/13, Martiz 27, MSI, Boodand, Postnet TM, Bookland, UPC-EAN128, Interleaved 275, Industrial / Jann/13, MSI, MSI, MSI, MSI, MSI, MSI, MSI, MSI	Ribbon o	others			Electro	nic Ribbon Tension Contro	System				
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Internal Fonts Internal Fonts Single and double-byte font support (Korean, Chinese, Japanese)			Standard Bitmap		U, S, M, WB,	WL, XU, XS, XM, XB, XL, C	OCR-A, OCR-B				
Thai (CP874), Arabic, UTF-4 and UTF-168E (downloaded forts) Linear Code 39, Code 128, CODABAR NVMT, EANBY13, 651-DatabaTM, CS51-128(UCC/EAN128), Interleaved 2/5, Industrial / JAN8/13, Matrix 2/5, MSI, Bookland, Postnet TM, Bookland, UFC-A/E Intelligent Mail Barcode 2D Symbologies PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, GR Code, Micro, GR code, Active Code, Active Code and Composite Symbologies Character data rotation: 0°, 90°, 180°, 270° / Barcode rotation: 0°, 90°, 180°, 270° INTERFACE CHARACTERISTICS AND INTEGRATION USB USB 2.0 type-8 / 2 x USB 2.0 Type-4 (host) One in the front, one in the rear (Connect scanners and keyboards) LAN Ethernet 10/100 Mbps / DHCP / Protocol: TCP/IP, LPR, FTP, TELNET, SNTP RS23CC EXT (I/O) DSUB 25 pin (female) / Amphenol 14 pin (female, optional adapter) Now also AEP Controlled Optional Interfaces Wireless LAN, WFF Certified, WFF Direct, IEEE 802-11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WER, WPA, WPA2, Dynamic WEP, DHCP Option 81. External Memory USB USB USB Townside Web Browser, SATO Alli-n-One Printer Utilities, SOS, SNMRy3 Direct Sorting CHARACTERISTICS OPERATING CHARACTERISTICS Universal Auto-ranging Power Supply, AC 1004 AC240V = 10%, 50/60Hz Weeight Universal Auto-ranging Power Supply, AC 1004 AC240V = 10%, 50/60Hz Weeight Thermal Transfer Model: 14.1 kg (31 lbs) Direct Thermal Model: 14.2 kg (28 lbs) Thermal Transfer Model: 14.1 kg (31 lbs) Direct Thermal Model: 14.2 kg (28 lbs) Thermal Transfer Model: 14.0 kg (30,8 lbs) Storage LCD 3,5 full color display, 9 buttons control keys, Sound beep (4 volume settings), two color LED lighting bars MISCELLANEOUS Standards & Agency Approvals EN 62368-1, CE Marking, NEMCO-GS, CMETus, UL60950-1, CSA C22.2, FCC, ICES-003, NMB-003, RCM, CCC, SRRC, KC, ROHS compiliant Simple Standalone Mode, Multi Language support LCD message (31 Languages), USB Memory, clone functionality and firmware updates, Status return, Micro Label Printing, User quidance videos in display Custom videos, Energy savi	Internal Fonts		TTF Fonts								
Barcode Dark Jank Jank			Encoding	Major Latin and Pan-European Code Pages (WGL4), GB18030 (simplified Chinese), BIG5 (traditional Chinese), KSX1001 (Korean), Thai (CP874), Arabic, UTF-8 and UTF-16BE (downloaded fonts)							
PFINT Direction Character data rotation: 0°, 90°, 180°, 270° / Barcode rotation: 0°, 90°, 180°, 180°, 170°, 90°, 180°, 170	Parcada		Linear								
USB	Darcode		2D Symbologies					e, Aztec Code			
USB USB 2.0 type-B / 2 x USB 2.0 Type-A (host) One in the front, one in the rear (Connect scanners and keyboards) LAN Ethernet 10/100 Mbps / DHCP / Protocol: TCP/IP, LPR, FTP, TELNET, SNTP RS232C RS232C Standard (XON/XOFF, RTS/CTS) EXT (VO) DSUB 25 pin (female) / Amphenol 14 pin (female, optional adapter) Now also AEP Controlled Optional Interfaces Wireless LAN Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WEP, WPA, WPAZ, Dynamic WEP, DHCP Option 81. USB USB YUSB YUSB YUSB YUSB YUSB YUSB YU	Print Dire	ection			Character data rotation: 0°	°, 90°, 180°, 270° / Barcode	rotation: 0°, 90°, 180°, 270°				
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RS232C RS232C Standard (XON/XOFF, RTS/CTS) EXT (I/O) DSUB 25 pin (female) / Amphenol 14 pin (female, optional adapter) Now also AEP Controlled Optional Interfaces Wireless LAN Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WEP, WPA, WPA2, PVA2, WPA2 DHCP Option 81. External Memory USB USB type-A (USB Host) Supported printer protocols Standard SATO: SBPL and programable AEP / Emulation Languages auto detect: SZPL, SDPL, SIPL / Others: XML Web Browser, SATO All-in-One Printer Utilities, SOS, SNMPv3 Drivers Windows, Linux, SAP, MAC OS OPERATING CHARACTERISTICS Power Requirements Universal Auto-ranging Power Supply, AC 100V AC240V ± 10%, 50/60Hz Dimensions W245mm (9.65") x D408mm (16.06") x H300mm (11.81") W245 mm (9.65") x D417 mm (16.42") x H300 mm(11.81") Weight Direct Thermal Model: 12.7 kg (28 lbs) Thermal Transfer Model 15.5 kg (34.1 lbs) Direct Thermal Model: 12.7 kg (28 lbs) Environment Operating 5-5° to 40 °C / 15 – 85 % RH (without condensation) Display Panel LCD 3,5 full color display, 9 buttons control keys, Sound beep (4 volume settings), two color LED lighting bars MISCELLANEOUS Standards & Agency Approvals EN 62368-1, CE Marking, NEMKO-GS, CMETus, UL60950-1, CSA C22.2, FCC, ICES-003, NMB-003, RCM, CCC, SRRC, KC, ROHS compliant Simple Standalone Mode, Multi Language support LCD message (31 Languages), USB Memory, clone functionality and firmware updates, Status return, Micro Label Printing, sugrayidance videos in display, Custom videos, Energy saving, SOS (SATO Online-services), Direct PDF printing, SOTI and SAS. Thermal head check, Ribbon end detection, Test print, Head Lift detection, Auto Sensor Calibration For more information about qualified RFID labels / inlay combinations please contact SATO OPTIONS (EUROPE ONLY) WLAN Kit, RFID: UHF RFID S84NX Dual antenna and S86NX single antenna configuration; Standard: ISO 18000-6			USB	USB 2.0 type	-B / 2 x USB 2.0 Type-A (hos	t) One in the front, one in t	he rear (Connect scanners	and keyboards)			
RS232C RS232C Standard (XON/XOFF, RTS/CTS) EXT (I/O) DSUB 25 pin (female) / Amphenol 14 pin (female, optional adapter) Now also AEP Controlled Optional Interfaces Wireless LAN Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WEP, WPA, WPA2, PVA2, WPA2 DHCP Option 81. External Memory USB USB type-A (USB Host) Supported printer protocols Standard SATO: SBPL and programable AEP / Emulation Languages auto detect: SZPL, SDPL, SIPL / Others: XML Web Browser, SATO All-in-One Printer Utilities, SOS, SNMPv3 Drivers Windows, Linux, SAP, MAC OS OPERATING CHARACTERISTICS Power Requirements Universal Auto-ranging Power Supply, AC 100V AC240V ± 10%, 50/60Hz Dimensions W245mm (9.65") x D408mm (16.06") x H300mm (11.81") W245 mm (9.65") x D417 mm (16.42") x H300 mm(11.81") Weight Direct Thermal Model: 12.7 kg (28 lbs) Thermal Transfer Model 15.5 kg (34.1 lbs) Direct Thermal Model: 12.7 kg (28 lbs) Environment Operating 5-5° to 40 °C / 15 – 85 % RH (without condensation) Display Panel LCD 3,5 full color display, 9 buttons control keys, Sound beep (4 volume settings), two color LED lighting bars MISCELLANEOUS Standards & Agency Approvals EN 62368-1, CE Marking, NEMKO-GS, CMETus, UL60950-1, CSA C22.2, FCC, ICES-003, NMB-003, RCM, CCC, SRRC, KC, ROHS compliant Simple Standalone Mode, Multi Language support LCD message (31 Languages), USB Memory, clone functionality and firmware updates, Status return, Micro Label Printing, sugrayidance videos in display, Custom videos, Energy saving, SOS (SATO Online-services), Direct PDF printing, SOTI and SAS. Thermal head check, Ribbon end detection, Test print, Head Lift detection, Auto Sensor Calibration For more information about qualified RFID labels / inlay combinations please contact SATO OPTIONS (EUROPE ONLY) WLAN Kit, RFID: UHF RFID S84NX Dual antenna and S86NX single antenna configuration; Standard: ISO 18000-6	Standard Interface		LAN		**						
Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WEP, WPA, WPA2, Dynamic WEP, DHCP Option 81. External Memory USB USB type-A (USB Host) Supported printer protocols Standard SATO: SBPL and programable AEP / Emulation Languages auto detect: SZPL, SDPL, SIPL / Others: XML Web Browser, SATO All-in-One Printer Utilities, SOS, SNMPv3 Drivers Windows, Linux, SAP, MAC OS OPERATING CHARACTERISTICS Power Requirements Universal Auto-ranging Power Supply, AC 100V AC240V ± 10%, 50/60Hz Weight Thermal Transfer Model: 14.1 kg (31 lbs) Direct Thermal Model: 12.7 kg (28 lbs) Thermal Transfer Model: 12.7 kg (28 lbs) Thermal Model: 14.0 kg (30,8 lbs) Display Panel LCD 3,5 full color display, 9 buttons control keys, Sound beep (4 volume settings), two color LED lighting bars MISCELLANEOUS Standards & Agency Approvals EN 62368-1, CE Marking, NEMKO-GS, CMETus, UL60950-1, CSA C22.2, FCC, ICES-003, NMB-003, RCM, CCC, SRRC, KC, ROHS compliant Simple Standalone Mode, Multi Language support LCD message (31 Languages), USB Memory, clone functionality and firmware updates, Status return, Micro Label Printing, User guidance videos in display, Custom videos, Energy saving, SOS (SATO Online-services), Direct PDF printing, SOTI and SAS. Thermal Head check, Ribbon end detection, Test print, Head Lift detection, Auto Sensor Calibration Portions (EUROPE ONLY) WAN Kit, RFID: UHF RFID S84NX Dual antenna and S86NX single antenna configuration; Standard: ISO 18000-6			RS232C		RS232	C Standard (XON/XOFF, R	TS/CTS)				
Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n/ac Dual Band (2.4GHz, 5GHz), Security: WEP, WPA, WPA2, Dynamic WEP, DHCP Option 81. External Memory USB USB type-A (USB Host) Supported printer protocols Standard SATO: SBPL and programable AEP / Emulation Languages auto detect: SZPL, SDPL, SIPL / Others: XML Web Browser, SATO All-in-One Printer Utilities, SOS, SNMPv3 Drivers Windows, Linux, SAP, MAC OS OPERATING CHARACTERISTICS Power Requirements Universal Auto-ranging Power Supply, AC 100V AC240V ± 10%, 50/60Hz Weight Thermal Transfer Model: 14.1 kg (31 lbs) Direct Thermal Model: 12.7 kg (28 lbs) Thermal Transfer Model: 12.7 kg (28 lbs) Thermal Model: 14.0 kg (30,8 lbs) Display Panel LCD 3,5 full color display, 9 buttons control keys, Sound beep (4 volume settings), two color LED lighting bars MISCELLANEOUS Standards & Agency Approvals EN 62368-1, CE Marking, NEMKO-GS, CMETus, UL60950-1, CSA C22.2, FCC, ICES-003, NMB-003, RCM, CCC, SRRC, KC, ROHS compliant Simple Standalone Mode, Multi Language support LCD message (31 Languages), USB Memory, clone functionality and firmware updates, Status return, Micro Label Printing, User guidance videos in display, Custom videos, Energy saving, SOS (SATO Online-services), Direct PDF printing, SOTI and SAS. Thermal Head check, Ribbon end detection, Test print, Head Lift detection, Auto Sensor Calibration Portions (EUROPE ONLY) WAN Kit, RFID: UHF RFID S84NX Dual antenna and S86NX single antenna configuration; Standard: ISO 18000-6			EXT (I/O)								
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