Maximize productivity for 24/7 mission critical applications

SATO, Beyond Expectations

As a pioneer, SATO’s flagship print engine pursues automatic print and apply machine’s needs to expand its use in the world.

Easy to Use
- 2 Color Status LED and LCD
- Best-in-class Print Speed and Throughput
- Simple Standalone Mode Support
- Downloadable/Uploadable Printer Setting, Log, Data, via SD and USB

Quick Maintenance
- Easy Tool-Less Printhead Replacement
- Simple Roller Replacement
- Convenient Access to Backside
- Tool-Less Sensor Cover Replacement

Enhanced Connectivity
- Multiple Interfaces Onboard
- D-SUB 25 pin EXT Interface -NPN/PNP Connection
- Standard Emulations Onboard
- Multiple Language Support

www.satoasiapacific.com
# GENERAL SPECIFICATIONS | S84-ex/S86-ex

## PRINT SPECIFICATIONS

| Printer Models | Direct Thermal or Thermal Transfer
| Direct Thermal Only
| Ribbon Saver (S84-ex Only) |

| Print Mode | Dispense, Continuous |

## MEMORY & PROCESSING SPECIFICATIONS

- **Receive Buffer**: 2.95MB
- **Memory**: 48MB ROM, 64MB RAM

## USER FRIENDLY SUPPORT TOOLS

- **Large Status LED**: Blue/Red
- **Status LCD**: Normal/Orange
- **Alarm Sound**: Beep (3 volume settings)

## 2D SYMBOLOGIES SPECIFICATIONS

- **Barcodes**:
  - Linear
  - Code 39, Code 93, Code 128, CODABAR
  - (NW-7), EAN8/13, GS1 Datamark™, GS-128
  - (UCC/EAN128), Interleaved 2/5, Industrial
  - 2/5, JAN8/13, Matrix 2/5, MSI, Bookland
  - POSTNET™, UPC-A/E Intelligent Mail Barcode

- **Operating & Environment Characteristics**
  - **Electrical Requirements**:
    - Universal Auto-ranging Power Supply, 100-240VAC +/-10%, 50/60Hz
  - **Standards & Agency Approvals**:
    - IEC 60950, CE Marking, EN 60950-1, EN
    - 55022 Class A, EN 55024, R&TTE
    - NEKMO-GS, cMETUs, ULD6950-1/CSA C22.2
    - No. 15590-1, FCC, ICES-003, NMB-003,RCM, CCC, SRC, KC
  - **Environment**:
    - Operating: -5 to 40°C, 15-85% RH, Non Condensing
    - Storage: -20 to 60°C, 15-90% RH, Non Condensing

## PHYSICAL CHARACTERISTICS

### S84-ex

- **Dimensions**:
  - Width: 9.65" (245mm)
  - Depth: 16.06" (408mm)
  - Height: 11.81" (300mm)

- **Weight**:
  - Direct Thermal or Thermal Transfer Model: 30.2lbs (13.7kg)
  - Direct Thermal Only Model: 27.1lbs (12.3kg)

### S86-ex

- **Dimensions**:
  - Width: 9.65" (245mm)
  - Depth: 18.23" (463mm)
  - Height: 11.81" (300mm)

- **Weight**:
  - Direct Thermal or Thermal Transfer Model: 30.2lbs (15.1kg)
  - Direct Thermal Only Model: 27.1lbs (13.6kg)

*Please contact your local SATO office for availability.*

---

**SATO ASIA PACIFIC PTE. LTD.**

438J, Alexandra Road, #09-01/02,
Alexandra Technopark Singapore 119968
Sales Hotline: +65 6276-2722 Service Hotline: +65 6273-6455
Tel: (65) 6271-5300 Fax: (65) 6273-6011
Email: sales@satoasiapacific.com

©2014 SATO Asia Pacific. All rights Reserved. Rev A Specifications subject to change without notice. Any unauthorized reproduction of this content, in part or whole, is strictly prohibited. SATO is a registered trademark of SATO Holdings Corporation and its subsidiaries in Japan, the U.S., and other countries. All other trademarks are the property of their respective owners.