

**SPECIFICATIONS**

<b>MODEL NUMBER</b>	<b>TM-P20II</b>	<b>TM-P80II</b>
	Bluetooth   Wi-Fi	Bluetooth   Wi-Fi
<b>Print Technology</b>	Thermal Line Printing	
<b>Printing Method</b>		
<b>Print Font</b>		
Font	ANK: 12 x 24 / 9 x 24 (default) / 9 x 17 / 10 x 24 / 8 x 16; Kanjji Font: 24 x 24 / 20 x 24 / 16 x 16; Special Font: 12 x 24 / 9 x 24; India Font: Width x 32 / Width x 24	ANK(48 cj): 12 x 24 / 9 x 17 (default) / 8 x 16; Jap Font: 12 x 24 / 10 x 24; Kanjji Font: 24 x 24 / 20 x 24 / 16 x 16; Special Font: 12 x 24 / 9 x 24; India Font: Width x 32 / Width x 24 ANK(42 cj): 13 x 24 / 9 x 17 / 8 x 16; Jap Font: 13 x 24 / 10 x 17 / 8 x 16; Kanjji Font: 26 x 24 / 20 x 24 / 16 x 16; Special Font: 12 x 24 / 9 x 24; India Font: Width x 32 / Width x 24
<b>Character Set</b>	95 Alphanumeric, 18 set International, 128 x 43 graphics	
<b>Barcode Standards</b>	Bar code: UPC-A, UPC-E, JAN8, EAN8, JAN13, EAN13, ITF, Codabar(NW-7), Code39, Code93, Code128, GS1-128, GS1 DataBar 2D Symbol: PDF417, QR code, Maxi Code, Data Matrix, Aztec, Two-dimensional GS1 DataBar, Composite Symbology	
<b>Interface</b>		
Bluetooth Model	USB-C x1, Bluetooth 5.0	
Wi-Fi Model	USB-C x1, Wi-Fi 5.0	
<b>Receive Data Buffer</b>	64 KB   4 KB	64 KB   4 KB
<b>Print Speed</b>	100 mm/s	
<b>Dot / Line</b>	384 dots	576 dots (48 column), 546 dots (42 column)
<b>Dot / Inch</b>	203 x 203 dpi	
<b>Paper</b>		
Roll Paper	58 mm (57.5 ± 0.5 mm) x Dia. 18 - 40 mm   79.5 ± 0.5 mm (W) x Dia. 18 - 51 mm	
Media Thickness	Max 75µm, Min 50µm	
<b>Power</b>		
Battery Type	Lithium Ion Battery	
Charging Port	USB-C	
<b>Charging Rating</b>		
5V - 3A	3 Hrs (10 - 30°C), 6 Hrs (0 - 10°C)	2.5 Hrs (10 - 30°C), 5 Hrs (0 - 10°C)
5V - 1.5A	4 Hrs (10 - 30°C), 8 Hrs (0 - 10°C)	3 Hrs (10 - 30°C), 6 Hrs (0 - 10°C)
5V - 900/500mA	7 Hrs (10 - 30°C), 14 Hrs (0 - 10°C)	14 Hrs (10 - 30°C), 28 Hrs (0 - 10°C)
<b>Battery Life</b> <sup>2</sup>	27 Hrs   15 Hrs	47 Hrs   25 Hrs
Operating Temperature	-15 - 50°C (Normal), 0 - 40°C (While Charging)	
Humidity	10 - 90% RH	
<b>Reliability</b>		
Printer Mechanism Life	10 million lines	
Thermal Printhead Life	50 Km	
MTBF	120,000 hours	
MCBF	16 million lines	
IP Protection Rating	IP54	
Drop Rating	2.1m	1.9m
<b>Colour</b>	Epson Black (EBCK)	
<b>Overall Dimensions (W x D x H)</b>	79 x 120 x 46 mm	105 x 138 x 57.6 mm
<b>Weight</b>	Approx. 216g	Approx. 379g
<b>General Information</b>		
LED Indicators	Blue LED - Power, Battery Level, Interfaces (Bluetooth, Wi-Fi) Orange LED - Error, Battery Charging	
<b>Built-in Features</b>	Paper Reduction, Status Notification, Server Direct Print	
<b>Printer Driver</b>	Windows Driver (APD), OPOS, OPOS.NET, JavaPOS(Windows, Linux), TM Virtual Port Driver, ePOS SDK (iOS, Android, Javascript)	
<b>Utility Tools</b>	TM Utility (Android, iOS), TM-P20II/TM-P80II Utility (Windows PC), TM-Print Assistant (Android, iOS), Deployment Tool, Monitoring Tool, Epson WebConfig, TM Bluetooth Connector, Firmware Updater, BmpToRaster, ePOS-Print <sup>3</sup>	
<b>Easy Setting</b>	NFC	
<b>What's in the Box</b>	Belt Clip, Battery, USB Cable (Type-C to Type-C), Roll Paper, Setup Guide	

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**DIMENSIONS & WEIGHT**

**TM-P20II**  
Weight: Approx. 216g



**TM-P80II**  
Weight: Approx. 379g



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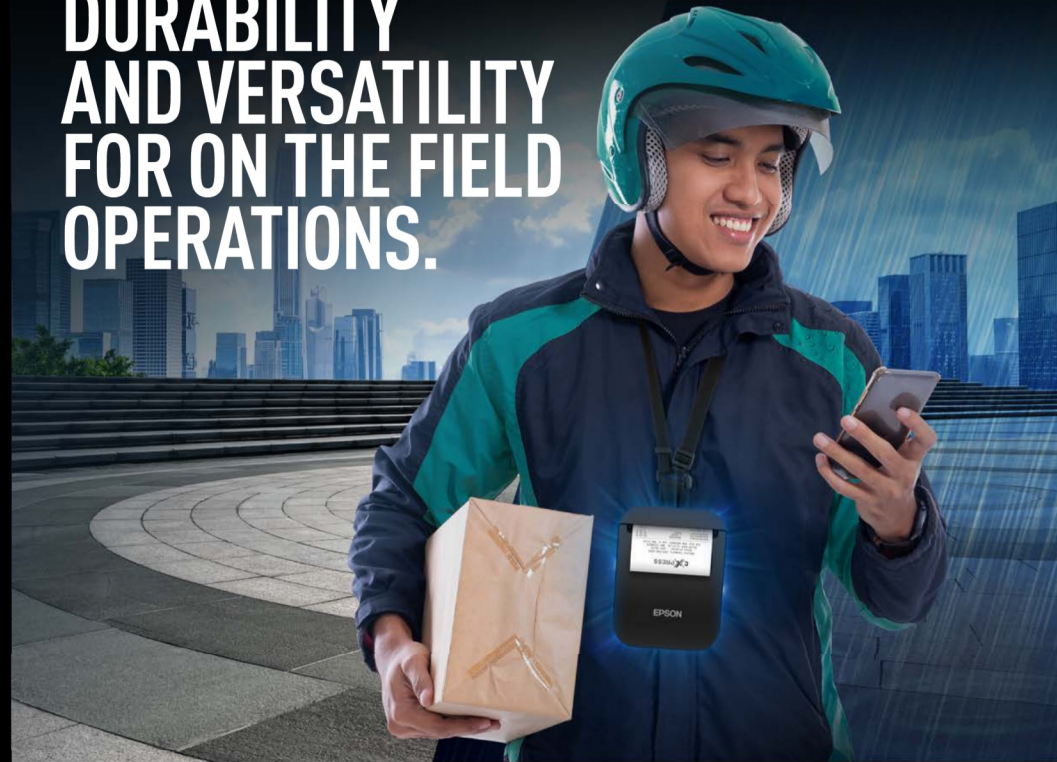
Dealer's Stamp

Information correct at time of printing  
Printed November, 2023

**MOBILE POINT-OF-SALE PRINTER**  
**TM-P20II/P80II**

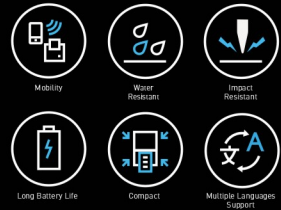


**DURABILITY AND VERSATILITY FOR ON-THE-FIELD OPERATIONS.**



**Durable and reliable POS printers for outdoor printing with user-friendly functions.**

Designed with wearability in mind, the compact Epson TM-P20II/P80II portable receipt printer is the ideal solution for on-the-go printing with its long battery life and multiple connectivity options. With high impact protection, conforming to Ingress Protection 54 (IP54) standard for dust and liquid resistance, the portable printer is built to withstand harsh environments, ideal for outdoor work in adverse conditions.



**Built For Outdoors**

With high impact protection, conforming to IP54 standard for dust and liquid resistance, the TM-P20II/P80II is built to withstand outdoor use.

**Outstanding Performance**

Enjoy peace of mind during business operation with its long battery life of up to 47 hours\*.

**Compact Ergonomic Design**

Designed for convenience and wearability in mind, the portable printer is compact and lightweight, with handy optional accessories.

\*Battery life result may differ from usage.  
Note: for battery life testing condition, please refer to disclaimer (superscript \*)2 under specifications page.

# ERGONOMICALLY DESIGNED FOR RELIABILITY



## ROBUST & DURABLE DESIGN



### High Impact Resistance\*

With a drop rating of 2.1m for TM-P2011 and 1.9m for TM-P8011, the portable receipt printer is a trusty component for businesses that require mobility and outdoor use.



### Dust Particles Resistance

Conforming to the IP54 dust resistance standard, you can conveniently use this portable printer for outdoor work or in adverse conditions.



### Liquid Resistance

Enjoy peace of mind when using your reliable TM-P2011/P8011 printer with its certified IP54 splash resistance standard quality.



\*Unit drop test. JIS C60068-2-31:2013 (IEC 60068-2-31: 2008).



## CATERED FOR OUTDOOR WORK

### Long-lasting Battery Life

The all-new TM-P2011/P8011 receipt printer comes with a long-lasting battery life that enables continuous use on both Wi-Fi and Bluetooth. Using the bundled USB Type C cable, the TM-P2011 can be fully charged within 3 hours and P8011 in 2.5 hours.

#### TM-P2011

Wi-Fi model: up to **15** hours\*\*

Bluetooth model: up to **27** hours

#### TM-P8011

Wi-Fi model: up to **25** hours\*\*

Bluetooth model: up to **47** hours

\*\*Enabled Power Saving Mode.  
Note: for battery life testing condition, please refer to disclaimer (superscript \*2) under specifications page.

### Convenient Paper Roll Replacement

The paper roll compartment is easily accessible even when you are wearing the TM-P2011/P8011 receipt printer, allowing convenient and quick paper roll replacement in between use.



### Handy Optional Accessories



The optional shoulder and belt strap allows users to access the printer easily.

An optional carrying case further protect your printer against adverse conditions.



## INTUITIVE FEATURES FOR EASY OPERATION

The TM-P2011/P8011 is designed for seamless operation.

### Clear Indicator

An easy-to-see indicator that shows the printer status at a glance.

### Safety Design

With a hidden cutter design, users can operate the printer without worrying about getting injured.

### Easy-to-clean Surface

A smooth printer surface allows quick and easy cleaning while on the go.

### Compact & Wearable

Compact and lightweight, the TM-P2011/P8011 receipt printer is suitable for direct-to-door, proof of delivery, marketplace receipt, and on-the-go receipt printing.

### Multiple Language Support

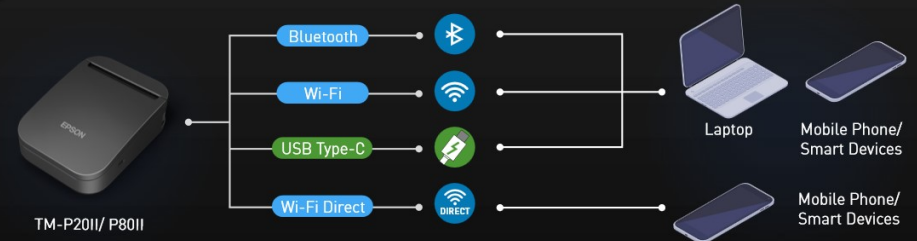
The versatile TM-P2011/P8011 is compatible with multiple languages including Chinese, Japanese, and Korean, with UTF-8 font support\*.

\*Unicode support is only for languages listed in the specifications sheet.



## VERSATILE CONNECTIVITY

### Multiple Interface Options



TM-P2011/ P8011