



EM45 RFID

Product Environmental Attributes

Putting Sustainability at the Heart of Our Products

When it comes to creating sustainable products, Zebra is committed. From company-wide global initiatives to the end-to-end product life cycle from manufacturing to retirement, our green initiatives protect the planet—and the people who make and use our products.



Sustainable Materials

The device contains over **25% post-consumer recycled plastic/material**

Eco-friendly attributes⁵

- No halogens
- No mercury
- No PFO/PFOAs
- No latex
- Compliant with global RoHS requirements



Green battery technology

Reduced spare battery pool:

- Up to 25-hour battery run time², plus visibility into battery health to ensure that all batteries can hold a full charge
- Zebra Charge Manager allows more efficient charging and longer battery lifetime

Power consumption

- Consumes 44% less energy than the US Department of Energy (DoE) required threshold¹
- Fast charging in just 43 minutes⁴
- Green Mode settings allow for intelligent limiting of power consumption across a fleet of devices
- Zebra Technologies external power supplies meet US Department of Energy (DoE) Level VI and all international efficiency requirements

A-to-Z sustainable packaging

Our corrugated packaging is 100% curbside recyclable:

- 100% biodegradable packaging, by weight
- All paper inserts are made with FSC Mix certified paper
- All cardboard is made with FSC Mix certified paper
- The cardboard box contains a minimum of 50% recycled content

EPEAT certification for proven sustainability

EPEAT certification in process



Lower consumption of devices, accessories and batteries through maximized life cycles

Most carbon emissions occur in the raw material and manufacturing stages—the fewer devices you use, the more you reduce greenhouse gasses

- Maximize lifecycle with Zebra's rugged design
- 6 years of security: keep your devices secure every day of their long lifecycle with LifeGuard™ for Android™³
- 6 years of repair and technical support: no need to retire working devices due to lack of available support³
- No lost devices to replace: Device Tracker locates devices when lost or misplaced
- Reduced spare device pool: The troubleshooting tools and utilities as part of the Zebra DNA™ for Mobile Computers (Enterprise License included) keep devices on-site and in the hands of your workers—instead of the service center

Use fewer device types

Zebra solutions provide 5-in-1 true device convergence—the Device also has camera based scanning, push-to-talk capability, RFID, and can replace a workstation, substantially reducing plastics and electronics volumes, as well as cost



Zebra's Circular Economy provides life-cycle management of products that reduce your overall carbon impact

Takeback Recycling Program

Zebra offers free recycling for selected end of life devices and will provide a certificate of destruction upon request. Conditions apply

Device Buy-Back Program

Your end of life devices may be eligible for a device buy-back, enabling a 'green' upgrade to the next generation devices

Certified Refurbished Device Program

Purchase or rent Certified Refurbished devices, which perform like new and may include end of life products, to meet season surges and bridge a gap to a tech refresh

Sustainability results apply to: EM45 RFID

1. Testing the EM45 RFID, with the USB type C 45W Power Supply Adapter with a USB-C to USB-C cable, in accordance with the Unit Energy Consumption for battery chargers test. 2. EM45 RFID Device using an outdoor browser intensive profile and a 4750 mAh battery. 3. 6 years of LifeGuard and Zebra OneCare support are available from the first date product is available for sale. 4. Charging the EM45 RFID Enterprise Mobile from 0% to 90% with a 4750 mAh battery and a USB fast charger. 5. All electronic products from Zebra may contain trace amounts of chemicals on the IEC 62474 list of hazardous substances.

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