



**TC5x Series  
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.

### Eco-friendly attributes<sup>4</sup>

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



### A-to-Z sustainable packaging

Our corrugated packaging is 100% recyclable:

- 98% biodegradable packaging by weight, including a bio-based TPU retention film
- The cardboard box contains a minimum of 50% recycled content
- All paper is non-bleached and contains a minimum of 50% recycled content

### EPEAT certification for proven sustainability



- EPEAT Silver Certified<sup>5</sup>

### Life cycle analysis for proven sustainability

Cradle-to-grave analysis of the last-gen device allows Zebra to understand and improve TC53/TC58's impact on the climate

### 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

- Maximized life cycle with Zebra's rugged design
- 8 years of security: keep your devices secure every day of their long life cycle with LifeGuard™ for Android™<sup>3</sup>
- 8 years of repair and technical support: no need to retire working devices due to lack of available support<sup>3</sup>
- Multislot shared cradles are compatible with past and future device generations
- No lost devices to replace: Device Tracker locates devices even if the battery is dead
- Reduced spare device pool: no-cost Mobility DNA™ troubleshooting tools keep devices on-site and in the hands of your workers—instead of the service center

### Green battery technology

- Removable, easy to recycle battery
- Reduced spare battery pool: long 25 hour<sup>2</sup> battery run time, plus visibility into battery health to ensure that all batteries can hold a full charge

### Power consumption

- Consumes 36% less energy than the US Department of Energy (DoE) requirements for battery charger systems<sup>1</sup>
- Green Mode settings allow for intelligent limiting of power consumption across a fleet of devices
- Fast charging in just 1 hour, 47 minutes<sup>6</sup>
- Zebra Technologies external power supplies meet DoE Level VI and all international efficiency requirements

### Use fewer device types

Zebra solutions provide 4-in-1 true device convergence—the TC53 and TC58 can also function as an on-the-job smartphone, 2-way radio and PBX handset, 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 of selected end of life devices, complete with 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 gaps to a tech refresh

#### Battery Recycling

We offer a variety of options, depending on location, from convenient drop-off locations to complete a-to-z battery management, where Zebra handles it all for you

For more information, please visit [zebra.com/tc5x](https://zebra.com/tc5x)

Sustainability results apply to: TC58, TC53, TC57x, TC52ax, TC52x, TC52ax-HC, TC52x-HC

1. Testing the TC53 with a USB Charger, in accordance with the Unit Energy Consumption for battery charger tests. 2. TC53 using an indoor scanning profile and a 4680mAh battery. 3. Eight (8) years of LifeGuard and Zebra OneCare support are available from the first date product is available for sale. 4. All electronic products from Zebra may contain other trace amounts of chemicals on the IEC 62474 list of hazardous substances. 5. TC58 device only. 6. Charging the TC53 device from 5% to 90% with a 4680 mAh battery.

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