



**TC53e/TC53e-RFID/  
TC58e  
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 **25% post-consumer recycled plastic**

### Eco-friendly attributes<sup>5</sup>

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



### Green battery technology

- Removable, easy to recycle battery
- Reduced spare battery pool: 27.3 hour battery run time<sup>2</sup>, 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 34.3% less energy than the US Department of Energy (DoE) required threshold<sup>1</sup>
- Fast charging in just 1 hour, 40 minutes<sup>4</sup>
- 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

### Use fewer device types

Zebra solutions provide true device convergence—the Device also has an integrated scanner, push-to-talk capability, NFC payments, RFID<sup>6</sup>, and can replace a workstation, substantially reducing plastics and electronics volumes, as well as cost

### A-to-Z sustainable packaging

Our corrugated packaging is 100% curbside recyclable

- 98% biodegradable packaging by weight, including a bio-based TPU retention film
- All cardboard is made with FSC Mix certified paper
- All paper inserts are made with FSC Mix certified paper

### EPEAT certification for proven sustainability

EPEAT Gold Certified<sup>7</sup>



### Advanced NFC Reading

- Avoid Spread of Germs: The most complete Android™ NFC reading enables NFC contactless transactions like ticketing and payment
- Reduced Waste from eliminating physical tickets

### 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 lifecycle 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>
- Multi-slot shared cradles are compatible with other Zebra devices, adapter cups allow the existing charging accessories to be reused with next gen devices
- No lost devices to replace: Device Tracker locates devices when lost or misplaced even when the battery is depleted
- 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



## 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 device

### 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. Conditions apply

For more information, please visit [zebra.com/tc53e-tc58e-tc53e-rfid](https://zebra.com/tc53e-tc58e-tc53e-rfid)

Sustainability results apply to: TC53e, TC53e-RFID, TC58e

1. Testing the TC53e with a Zebra USB charger, in accordance with the Unit Energy Consumption for battery chargers test. 2. TC53e device using an indoor scan intensive profile and a 4680 mAh battery. 3. Eight (8) years of LifeGuard and Zebra OneCare support are available from the first date product is available for sale. 4. Charging the TC53e device from 0% to 90% with a 4680mAh battery and a USB charger. 5. All electronic products from Zebra may contain other trace amounts of chemicals on the IEC 62474 list of hazardous substances. 6. Specific SKUs only. 7. TC58e SKU's only

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