

Technical data



Oticon SmartCharger miniBTE R

The SmartCharger is designed for charging miniBTE R either at home connected to a power source or on-the-go using the built-in rechargeable lithium-ion battery as power bank.

Technical features

- › Contains a power bank
- › Designed to protect the hearing aids during transport
- › Rubber feet for stability
- › Shaped to accommodate different tube lengths and earpiece types



For information on compatibility, please visit www.oticon.com/solutions/rechargeable-hearing-aids

Operating conditions

Temperature: +5 °C to +38 °C (+40 °F to +100 °F)
Humidity: 5% - 93% relative humidity, noncondensing
Atmospheric pressure: 700 hPa to 1060 hPa

Transportation and storage conditions

Temperature and humidity shall not exceed the mentioned limits for extended periods during transportation and storage:

Transportation

Temperature: -20 °C to +60 °C (-4°F to +140 °F)
Humidity: 5% - 93% relative humidity, noncondensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage

Temperature: -20 °C to +60 °C (-4°F to +140 °F)
Humidity: 5% - 93% relative humidity, noncondensing
Atmospheric pressure: 700 hPa to 1060 hPa

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Name	Oticon SmartCharger miniBTE R
Dimensions	Height 76.4 mm / Width 47.2 mm / Length 95 mm (H 3 in / W 1.9 in / L 3.7 in)
Weight	180 g (6.3 ounces)
Color	Black with grey top plate
Power cable	USB A Detachable cable, length 150 cm (approx. 5 feet)
Status indicator	LED light on charger when plugged to a power supply: Indicates charging status of the power bank. LED light on charger when disconnected from a power supply: Indicates the battery level of the power bank. LED light on hearing aids when charging: Indicates charging mode
Charging time of hearing aids	Max 3.5 hours charging depending on initial state of the battery Temperature: +10 °C to +35 °C (+50 °F to +95 °F) Max 5 hours charging depending on initial state of the battery Temperature: +5 °C to +10 °C (+41 °F to +50 °F) and +35 °C to +38 °C (+95 °F to +100 °F)
Charging time for the power bank battery	Max 4 hours charging depending on initial state of the battery Temperature: +10 °C to +35 °C (+50 °F to +95 °F)
Supplied power source unit	Included AC adapter
Charger input voltage	5 V DC
Charger input current	Max 1A
Connected to external equipment	When connected to external equipment plugged into a wall outlet, this equipment must comply with IEC 62368-1 or equivalent safety standards.
AC adapter input voltage	100-240 V AC
AC adapter input frequency	50-60 Hz
AC adapter output voltage	5 V DC
AC adapter output current	1 A



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