

# Q50 R carbon

Travel lighter with the 32 lb  
carbon folding powerchair.



AIR TRAVEL APPROVED\*



## LONG-HAUL GETAWAYS. FAMILY BREAKS. THE DAILY COMMUTE.

Whatever your destination, the **Q50 R Carbon** is your perfect traveling partner. Weighing a mere **32 lbs** (without batteries) and fabricated from premium carbon fiber, take a load off your mind (and your arms) knowing it's an effortless powerchair to lift. Foldable in seconds, it stores snugly away in the tightest of places - and all without removing the battery. Plus, it packs the robust and reliable QUICKIE performance to get you from A-B (or even A-Z with its extended **15 mile** range). And with 5 eye-catching accent colors, why not bring a touch of style to wherever you go?



Scan the QR code with your phone's camera to watch video.

\* Individual airlines have differing requirements relative to transport of products with Li-Ion batteries. Prior to arranging any air travel with the wheelchair, please confirm with your airline or carrier that they accept battery-powered vehicles under UN classification: UN3171. Please refer to the owners manual for further details.



### DESIGN

## CARBON – LIGHT, BUT INCREDIBLY STRONG

In fact, some of the lightest things on Earth are made of it, including the Q50 R Carbon. Completely alluring. Completely arresting. And weighing just **32 lbs**, its shock value is more than skin deep. Its carbon frame can naturally flex over uneven surfaces, providing unique shock-absorbing characteristics to deliver one of the smoothest, most efficient rides around.

### 300 lbs

MAXIMUM USER WEIGHT

The Q50 R Carbon doesn't just weigh less, thanks to its incredibly strong carbon fiber design, but it can also support a maximum user weight of up to **300 lbs!**



## TRANSPORTATION

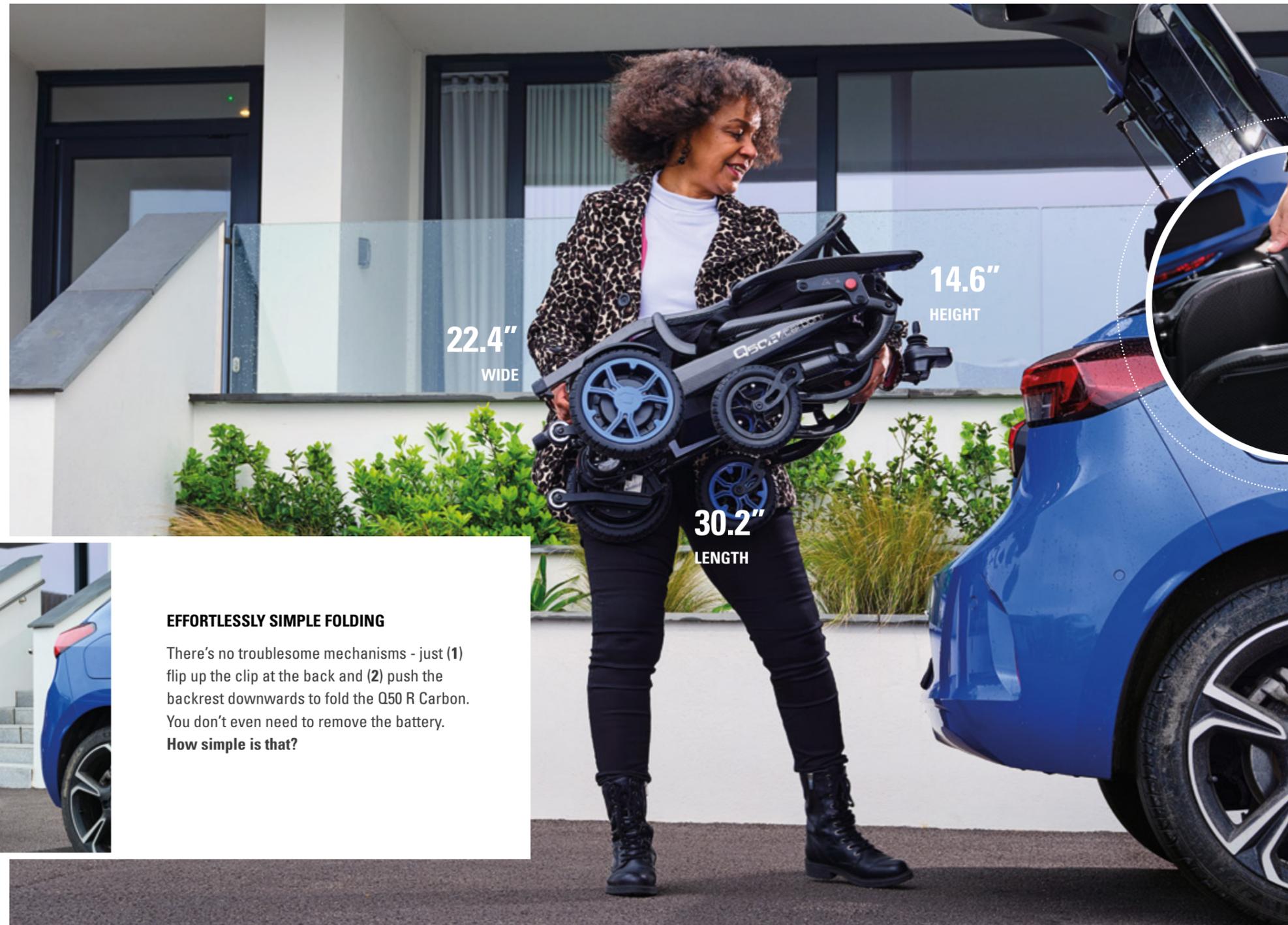
# TRAVELS IN SPACES (AND TO PLACES) OTHERS CAN'T

The Q50 R Carbon folds so ridiculously compact, it fits almost anywhere! Take the train, hop on a plane or store away in the trunk of the smallest car – it's perfect for exploring places, near or far. Incredibly light, it's a breeze to lift in and out too.



### EFFORTLESSLY SIMPLE FOLDING

There's no troublesome mechanisms - just (1) flip up the clip at the back and (2) push the backrest downwards to fold the Q50 R Carbon. You don't even need to remove the battery. How simple is that?



### STANDARD TRANSPORT STRAP

Fed up with your power wheelchair un-folding while lifting? With the Q50 R Carbon's **standard** transport strap, your Q50 R Carbon is kept tightly folded, preventing any troublesome lifting problems.



### REMOVABLE FOR OFF-CHAIR CHARGING

Simply pop out the battery and charge via the socket. Perfect when paired with the additional battery.

### POWER OPTIONS

## GO FURTHER WITH 15 MILE EXTENDED RANGE

Leave the car at home and enjoy up to 7.5 mile range with the Q50 R Carbon's 10Ah lithium-Ion battery. Looking to go further? Its additional battery slot allows you to bring an (optional) second battery along for the ride to double your range to up to 15 miles!

### CHARGE EVEN WHEN FOLDED

The Q50 R Carbon is conveniently charged via the socket on the controller. No need to unfold, and the battery stays in the slot.

### IATA APPROVED\* FOR AIR TRAVEL

Looking to travel abroad? The Q50 R Carbon's Lithium-Ion battery is IATA approved\* (International Air Transport Association) for transportation by aircraft.

\* Individual airlines have differing requirements relative to transport of products with Li-Ion batteries. Prior to arranging any air travel with the wheelchair, please confirm with your airline or carrier that they accept battery-powered vehicles under UN classification: UN3171. Please refer to the owners manual for further details.

### DAYTIME RUNNING LIGHT

Be seen during the day or at night with this super-bright running light. Activating whenever your Q50 R Carbon is in motion, it'll increase your visibility and awareness to others around you.



## PERFORMANCE

# ... AND IT'S JUST AS COMPACT UNFOLDED

Compact and streetwise, the Q50 R Carbon is ready for any situation. Whether maneuvering a narrow hallway, lively shopping mall, or the challenging last space on public transport, the Q50 R Carbon packs the power (but with none of the size) to tackle everyday life.

### TURNING RADIUS

Unlike a mobility scooter, the Q50 R Carbon can effortlessly turn in narrow hallways, kitchens, and other restricted spaces without the need for complicated maneuvers.



22.4"

NARROW WIDTH

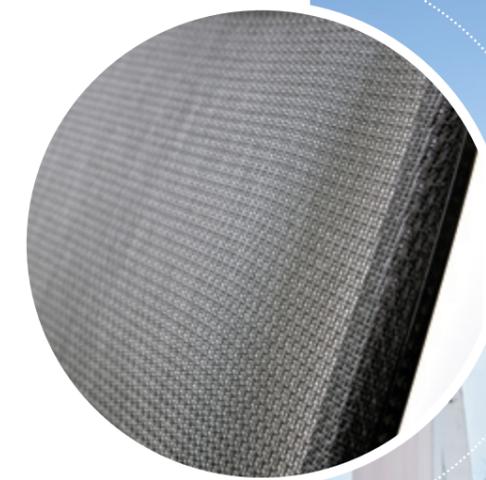
Don't worry about clipping the sides of your Q50 R Carbon around the home - its slim 22.4" width fits easily through narrow doorways and navigates busy rooms.

### MAKE YOURSELF COMFORTABLE

The ultra-lightweight backrest doesn't just keep you comfortable, its breathable upholstery allows body heat to pass through, keeping you cool and dry. Available as standard, the inch plus foam cushion also keeps you comfy on those longer trips.

### EASY TRANSFERS

Easily side transfer in-and-out of your Q50 R Carbon by flipping the armrests upwards. Prefer to transfer standing? The center-mount footrest conveniently flips upwards to give you all the space you need.



## RELIABILITY

# LIGHT ON WEIGHT, HEAVY ON RELIABILITY

For over 40 years, we've been working alongside world class manufacturers to deliver solidly built powerchairs that have the very-best driving performance, motors, range, and reliability that others just can't match.

### NVR2 BRUSHLESS DC MOTOR CONTROLLER

Intuitive to use, the established and reliable nVR2 brushless motor controller by the world-leading Curtiss-Wright Corporation responds precisely to your commands and also keeps track of remaining battery life.



### 250W HIGH EFFICIENCY BRUSHLESS MOTORS

Supplied by a world leading motor manufacturer, these high-performance motors provide the everyday power and reliability you need (including climbing obstacles of up to 1.6"). Highly optimized, they'll deliver the very-best range from your batteries too.



## STYLE

# THE FINISHING TOUCH

With its elegant carbon fiber frame, the Q50 R Carbon is the epitome of comfort and style. Really get heads turning with a selection of 5 eye popping colors.



# TECHNICAL DATA

<b>Overall Dimensions (L/W/H)</b>	36.5"/22.4"/36.3"
<b>Folded Dimensions (L/W/H)</b>	30.2"/22.4"/14.6"
<b>Seat depth</b>	16.5"
<b>Seat width</b>	17"
<b>Back height</b>	18"
<b>Maximum curb climbing</b>	1.6"
<b>Maximum range (ISO 7176-4)</b>	7.5 miles (15 miles with additional battery)
<b>Product weight (without battery)</b>	32 lbs
<b>Battery weight (single)</b>	3 lbs
<b>Maximum user weight</b>	300 lbs
<b>Drive wheels</b>	8"
<b>Caster wheels</b>	6.5"
<b>Maximum safe slope</b>	6°
<b>Maximum speed</b>	3.7 mph
<b>Battery</b>	24V, 10Ah Lithium-Ion
<b>Electronics</b>	Curtiss Wright nVR2 Brushless Controller
<b>Motor</b>	High Power 250W Brushless Motor
<b>Transport without user</b>	Secure the wheelchair safe in the vehicle (e.g. car or plane)
<b>Intended use and environment</b>	For people with limited mobility, indoor and outdoor use



This document can be viewed in PDF format at [www.SunriseMedical.com](http://www.SunriseMedical.com).