

# E|R90

Let it drive you.



#### Easy to attach:

The R90 fits securely and easily onto most rigid and folding wheelchairs thanks to the V-Lock technology.



#### Precision Turning:

The R90 drive wheel is positioned under your seat. This means you can maneuver forward, backward, and 360° with minimal drag or hang-up.



#### One Touch Wheel Up:

When the R90 is not needed, raise the wheel for zero rolling resistance. This can be done with a button on the Control Box or from the App.

Book a demo today.

**E**mpulse



## Technical Data

Weight Capacity	125 kg
Battery Range*	
Standard (2.5 Ah)	9.8 miles
Extended (5 Ah)	19.5 miles
Max Slope	6°
Weight (without battery)	5.9 kg
Standard Battery	0.7 kg
Extended Battery	1.2 kg
Camber Tube Diameter	22 mm to 45 mm
Axle Height	276 mm to 329 mm
Width (folding wheelchairs only, between axle plates)	300 mm to 530 mm
Adjustable Max Speed	9 kph
Electronics	Bluetooth / Wireless
Battery	Lithium-Ion 36V 2.5Ah / 5 Ah
Motor	250 W / 22 Nm

## Key Features

- **Simple, secure attachment:**  
The patent-pending V-LOCK™ is a tapered latch that securely docks the R90 to the receiver on the chair. Combined with the ergonomic, easy-grasp handle; upright orientation; and rolling tire, the R90 can be attached by many people while they are seated in their chair.
- **Push-button propelling:**  
Limited hand grasp or dexterity? With the R90's wireless Control Box, you can start and control your speed with the push of a button.
- **Wireless connection:**  
The Control Box wirelessly connects to the R90 using Bluetooth®, ensuring there's no cable in your way. It maintains a reliable connection no matter your movement and can be easily detached for transfers or to prevent damage during flights
- **Drive performance:**  
The compact design of the R90 offers great handling, agile turning, and stability. The R90 was designed for uncompromising performance, extended range, and ease of use, so riders can commute to work or school (without arriving sweaty), run errands, or take longer trips.
- **Removable battery:**  
The battery can be removed for easy charging or for air travel. The Standard Battery (2.5 Ah) meets current regulations to be carried on a plane\*. For even more convenience keep an extra battery charged for longer journeys.

## What's In The Box?



1. R90 Push Assist
2. Standard, Removable Battery
3. Control Box  
(with short & tall mounting plates)
4. Device Charger
5. Receiver Assembly\*\*
6. Travel Bag

\* Range is dependent on the ground surface, the weight of the user, driving behavior, temperature and terrain.

\*\* Receiver components for both rigid and folding chairs are shown. Only the components needed for your chair will be shipped.

As a part of our ongoing product improvement initiative, Sunrise Medical reserves the right to change specifications and design without notice. Further, not all features and options offered are compatible with all configurations of the wheelchair. Please consult the user instruction manual for more information.