

Empulse
R90 Power
Assist Device



Empulse R90 Power Assist Device Owner's Manual

[Home](#) » [Empulse](#) » Empulse R90 Power Assist Device Owner's Manual 

Contents

- [1 Empulse R90 Power Assist Device](#)
- [2 Specifications](#)
- [3 Wheel Up Feature](#)
- [4 Battery Management](#)
- [5 Center Wheel Positioning](#)
- [6 Wireless Control](#)
- [7 Attaching the R90](#)
- [8 Sunrise Intelligence App](#)
- [9 FAQs](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)



Empulse R90 Power Assist Device



Specifications

- HCPCS Code: E0986
- Weight Capacity: 275 lbs (125 kg)
- Battery Range: Standard (2.5 Ah) – 9.8 miles (15.7 km), Extended (5 Ah) – 19.5 miles (31.4 km)
- Max Slope: 6 Degrees / 10.5%
- Weight (without battery): 13.0 lbs (5.9 kg)
- Battery Weight: Standard – 1.5 lbs (0.7 kg), Extended – 2.6 lbs (1.2 kg)
- Frame Compatibility: Folding Frames, Rigid Frames
- Adjustable Max Speed: 5.5 mph (9 kph)
- Electronics: Bluetooth / Wireless
- Battery Type: Lithium-Ion 36V
- Battery Capacity: 2.5Ah / 5Ah
- Battery Charging Time: 1 Hour (for 2.5Ah), 2 Hours (for 5Ah)
- Motor Power: 250 W / Torque: 22 Nm
- Motor Brake: None

Wheel Up Feature

When manually propelling the R90, raise the wheel for zero rolling resistance to make the movement smoother and more effortless.



Battery Management

Swap out the battery or remove it to reduce weight for easier transportation. Consider using a second or extended-range battery for extra distance.

Center Wheel Positioning

The R90's center wheel position minimally impacts the chair's footprint and provides excellent maneuverability due to its placement directly below the rear camber tube.

Wireless Control

Utilize the wireless controller that offers various mounting positions and options tailored to your individual needs for convenient operation.

Attaching the R90

Use the patent-pending V-shaped latch to guide the R90 into its receiver securely and lock it in place for a simple and secure attachment.

Sunrise Intelligence App

Download and use the Sunrise Intelligence App to track usage, adjust max speed, change drive profiles, and customize drive performance based on your weight and chair setup. The range is dependent on the ground surface, the weight of the rider, driving behavior, temperature, and terrain.



WARNING

Using a power assist device can change your center of gravity or the way your chair rides. To reduce any risk of tip-over or fall, consult your healthcare provider about proper wheelchair configuration, including the use of anti-tips and any other necessary adjustments. This document can be viewed in PDF format at www.SunriseMedical.com.

SUNRISE MEDICAL CARES ABOUT YOUR SAFETY.

Please read your owner's manual for safe operating instructions and maintenance guidelines.

FAQs

Q: How can I ensure safe operation when using the R90?

A: To ensure safety, consult your healthcare provider about proper wheelchair configuration, including the use of anti-tips and necessary adjustments to prevent tip-over or falls. This document can be viewed in PDF format at www.SunriseMedical.com.

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Please read your owner's manual for safe operating instructions and maintenance guidelines. Contact us at 800.333.4000 or visit our website at www.SunriseMedical.com.

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Documents / Resources



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R90 Power Assist Device, R90, Power Assist Device, Assist Device, Device

References

- [User Manual](#)

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