

# E-MPULSE R20

UNIQUE FOLDING PUSH DEVICE





## PUSHING HAS NEVER BEEN SO EASY

With the new **e-mpulse R20** push device it has never been so easy to support the attendant pushing the wheelchair. Whether uphill, downhill or long trips, the R20 helps in every situation. Combining a unique folding function, the lightweight R20 is just 5 kg providing easy transportation and literally no impact when self propelling your wheelchair.







 **mpulse** R20

UNIQUE FOLDING  
FUNCTION

LIGHTWEIGHT

SELF PROPELLING

# E-MPULSE R20

## KEY FACTS







### **UNIQUE FOLDABILITY**

The R20 is the only foldable push device on the market

### **LIGHTWEIGHT**

The lightest push device (< 5 kg) for attendants

### **SELF PROPELLING POSSIBILITY**

The push device offers a free run allowing self propelling without detaching it, which allows highest independency

### **EASY HANDLING**

The R20 design provides easy operation as well as fast docking & undocking

### **SMOOTH TRANSPORT**

The folding ability and the lightweight of the R20 allow a smooth transport attached or separate from the wheelchair

### **RELIABILITY**

The powerful motor with a lithium ion battery provides highest reliability

### **EXTENDED WARRANTY**

The R20 offers an extended warranty on motor (3 years) and the lithium Ion battery (2 years)

### **HIGH COMPATIBILITY**

The push device fits on almost any wheelchair (box frame, tube diameter 22-28 mm)

# EASY TRANSPORT THANKS TO UNIQUE FOLDING FUNCTION

The R20 is the only foldable push device on the market providing easy transport, handling and storing suitable for all situations in every day life.





### **EASY HANDLING**

The R20 can remain on the chair also when folded.



### **EASY TO MOUNT AND DISMOUNT**

The click fix docking system allows easy docking without using any tools. Only the small docking pin remains on the wheelchair which means low weight, no visibility and nice design.



### **MODERN BACK PACK**

The lightweight of the R20 and the stylish back pack allows easy handling, easy transport & also easy adaptation to nearly any wheelchair.





# EASY OPERATIONAL CONTROL UNIT







**BATTERY CAPACITY INDICATION**

**EASY SPEED RANGE SETTING**

3 DIFFERENT SPEEDS 2, 3.7 & 5 KM

**QUICK RELEASE OF CONTROL UNIT**

THE QUICK RELEASE FUNCTION ENSURES AN EASY AND SAFE TRANSPORT WITHOUT DISCONNECTING CABLES

**EASY ON/OFF CONTROL**

WHILE PUSHING THE BUTTON THE R20 IS EASILY MOVING FORWARD



# MOTORISED WHEEL & LITHIUM ION BATTERY

## MOTORISED WHEEL

A POWERFUL 250 W BRUSHLESS MOTOR WITH MUDGUARD. CONTAINS A SOLID, ROBUST AND LONG LASTING TIRE WHICH IS REPLACEABLE.

MAINTENANCE FREE







### LITHIUM ION BATTERY

THE 5.8 AH PROVIDES A RANGE OF UP TO 15 KM. IT HAS A VERY LOW WEIGHT AND IS EASY REMOVABLE. CHARGING TIME: 4.5 - 5 H

**e**mpulse R20

## TECHNICAL DATA

### E-MPULSE R20 PUSH DEVICE

<b>Weight:</b>	3 kg	<b>Total transport weight:</b>	Max. 4.5 kg
<b>Motor:</b>	250 W, 36 V / 15 A, brushless motor with gearing	<b>Estimated range:</b>	15 km
<b>Motor brake:</b>	None, no rearward drive	<b>Max. speed:</b>	5 km/h (adjustable in 3 steps)
<b>Battery:</b>	Lithium-Ion 5.8 Ah	<b>Max. slope:</b>	18 % (10°)
<b>Charging time:</b>	4.5 - 5 h	<b>Max user weight / load:</b>	170 kg / 190 kg
<b>Weight battery:</b>	1.4 kg	<b>Warranty:</b>	2 year Battery, 3 year motor



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For further information on the full specification, options and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have.

If you are visually impaired, this document can be viewed in PDF format at [www.SunriseMedical.eu](http://www.SunriseMedical.eu).

