
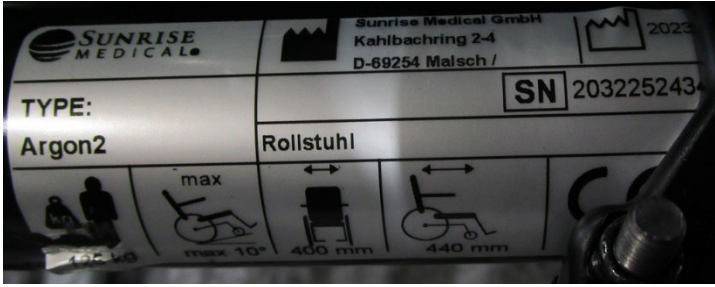




TEST REPORT EN 12184:2014 TUV SUD Test report for Electrically powered wheelchairs, scooters and their chargers - Requirements and test methods	
Report reference No.	713298795
Date of issue	2023-06-22
Project handler.....	Matthias Müller
Testing laboratory	TÜV SÜD Product Service GmbH
Address	Masurenweg 1-3, 30163 Hanover, Germany
Testing location	as above
Client.....	Sunrise Medical GmbH
Client number.....	36070
Address	Kahlbachring 2-4, 69254 Malsch / Heidelberg, Germany
Contact person.....	Mr. Gerhard Weis
Standard	This TUV SUD test report form is based on the following requirements: EN 12184:2014
TRF originated by.	TUV SUD Product Service GmbH, Mr. Michael Kese, Dipl.-Ing. (product specialist)
Copyright blank test report.....	This test report is based on the content of the standard (see above). The test report considered selected clauses of the a.m. standard(s) and experience gained with product testing. It was prepared by TUV SUD Product Service GmbH. TUV SUD Group takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.
Scheme	<input type="checkbox"/> TÜV Mark, <input checked="" type="checkbox"/> without certification
Non-standard test method	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, see details under Summary
National deviations.....	N/A
Number of pages (Report).....	65
Number of pages (Attachments)	N/A
Compiled by	Approved by.....: Jens Meyer
(+ signature)	(+ signature)
 SIGN-ID 803722 22.06.2023	 SIGN-ID 803730 22.06.2023

Test sample.....	HAN-720066-1
Type of test object.....	Add-on propulsion unit for manual wheelchairs
Trademark.....	
Model and/or type reference.....	Empulse R90 Power Assist Module
Rating(s).....	See copy of marking plate
Manufacturer.....	Sunrise Medical GmbH
Manufacturer number.....	36070
Address.....	Kahlbachring 2-4, 69254 Malsch / Heidelberg, Germany
Sub-contractors/ tests (clause).....	N/A
Name.....	N/A
Order description.....	<input checked="" type="checkbox"/> Complete test according to TRF <input type="checkbox"/> Partial test according to manufacturer's specifications <input type="checkbox"/> Preliminary test <input type="checkbox"/> Spot check <input type="checkbox"/> Other:
Date of order.....	2023-04-04
Date of receipt of test item.....	2023-03-04
Date(s) of performance of test.....	2023-04-10 to 2023-06-22
Test item particulars:	<p>Add-on propulsion unit for manual wheelchairs, type: Empulse R90 Power Assist Module The manual wheelchair (Sunrise Medical: Argon2) was used for testing purpose but was not part of this evaluation.</p> 
Attachments:	N/A
General remarks:	<p>"(see remark #)" refers to a remark appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a comma is used as the decimal separator. The test results presented in this report relate only to the object tested. This report shall not be reproduced except in full without the written approval of the testing laboratory.</p>

Summary of testing:

The product fulfils the requirements of EN 12184:2014

deviation(s) found / product is not in compliance with the specified requirements

no deviations found / product is in compliance with the specified requirements

The decision rule "Binary statement with guard band – guard band length = 95 % extended measurement uncertainty" according to ILAC-G8:09/2019 was applied

Additional information on Non-standard test method(s)

Sub cl..... : N/A

Page..... : N/A

Rational..... : N/A

If additional information is necessary, please provide

N/A

Copy of marking plate:



Picture of the product:

