



Product Service

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Technical Report No. 713145525

Revision: 0
dated 2019-04-11

Client: Invacare Portugal Lda
Rua Estrada Velha, 949,
4465-784 Leça do Balio, PORTUGAL

Manufacturing place: Invacare Portugal Lda
Rua Estrada Velha, 949,
4465-784 Leça do Balio, PORTUGAL

Test object: Standing and/or raising hoist
type: ISA COMPACT, ISA STANDARD, ISA PLUS

Test specifications: - IEC 60601-1:2005
- IEC 60601-1:2005/AMD1:2012
- IEC 60601-1-6:2010
- IEC 60601-1-6:2010/AMD1:2013
- IEC 62366:2015
- IEC 60601-1-11:2015
- IEC 60601-1-2:2014
- ISO 10535:2006

Purpose of examination: Testing according to the test specification.

Test result: The test results show that the presented products are in compliance with the specified requirements.

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1 Description of the test subject

Manufacturer's specification for intended use:

Standing and/or raising hoist type: ISA COMPACT, ISA STANDARD, ISA PLUS

The stand assist patient lift is a battery-powered transfer device and is intended to transfer and position an individual from one seating surface to another. For example:

- Between the bed and a wheelchair
- To and from the toilet
- Rehabilitation, assisting a patient from a seated position to a standing position

The stand assist patient lift is designed to be used indoors on a level surface, in hospitals, nursing facilities and domestic areas. The stand assist patient lift can be turned (rotated) in place for transfers with limited floor space.

A healthcare professional or private person who has received proper training is the intended operator of this product.

ISA COMPACT



[HAN-390415-3]

ISA STANDARD



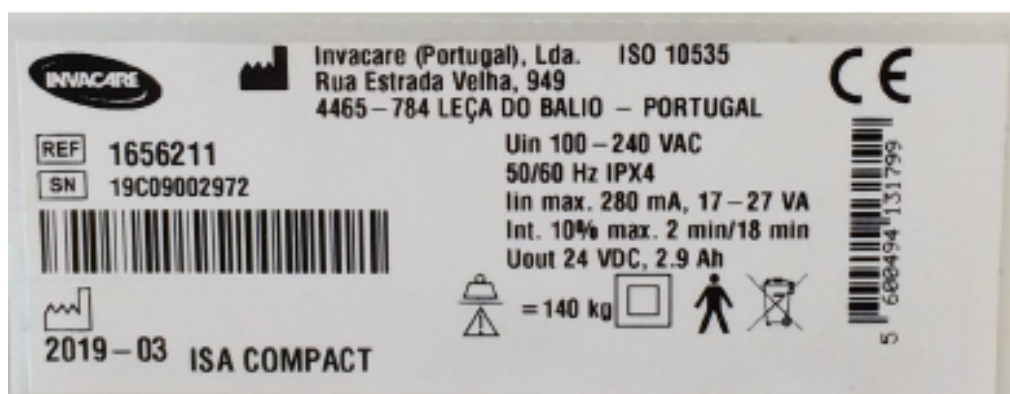
[HAN-390415-4]

ISA PLUS



[HAN-390415-2]

1.1 Type label



next to the type label



1.2 Technical Data

Dimensions	ISA COMPACT	ISA STANDARD	ISA PLUS
Lifting range	505 – 675	505 – 675	505 – 675
Max. load (SWL)	140 kg	160 kg	180 kg
Total length	980 mm (1000 mm) *	1145 mm	1290 mm
Base width, open	885 mm (865 mm) *	1110 mm	1170 mm
Base width, closed	535 mm	635 mm	640 mm
Height max.	1800 mm (1785 mm) *	1800 mm	1800 mm
Height of upper edge of base	115 mm (100 mm) *	115 mm	115 mm
Front wheel	75 mm	100 mm	100 mm
Front wheel (optional)	100 mm	-	-
Rear wheel	75 mm	100 mm	100 mm
Rear wheel (optional)	100 mm	-	-
Turning radius	1060 mm	1260 mm	1400 mm
Total weight, incl. detachable battery, lever, leg support and foot plate	47 kg	50 kg	52 kg

*optional with castor 75 mm diameter

Electrical system	CBJ Home CBJ2	CBJ Home CBJ1, CBJ2	CBJ Home CBJ1, CBJ2 CBJ Care
Working voltage	24 V DC, max. 250 VA		
Voltage supply	100 – 240 V AC, 50/60 Hz		
Maximum current input	280 mA (CBJ Home) 400 mA (CBJ2)	280 mA (CBJ Home) / 400 mA (CBJ1 CBJ2)	280 mA (CBJ Home) 400 mA CBJ1, CBJ2 CBJ Care)
Protection class (entire device)	IPX4		
Insulation class	Class II		
Applied Part	Type B		
Operations time	10%, max. 2 min / 18 min		
Battery specifications	2 x 12 V / 2.9 Ah (lead acid)		



2 Order

2.1 Date of Purchase Order

The testing of the mobile hoists "ISA COMPACT/ ISA STANDARD/ ISA PLUS" has been carried out per purchase order of Invacare Portugal dated at 2018-10-23.

2.2 Date of Receipt of Test Subject

The testing was performed at TÜV SÜD Product Service, Masurenweg 1-3, 30163 Hanover, Germany from 2018-12-04 until 2019-03-29.

The following test subjects were delivered to the test laboratory on 2018-12-04:

HAN-390415-2 --- ISA PLUS [SWL180 kg]
HAN-390415-3 --- ISA COMPACT [SWL 140 kg]
HAN-390415-4 --- ISA STANDARD [SWL 160 kg]

3 Remarks

3.1 Remarks to Factory

The assembly of the product has to comply with the documentation. Before the implementation of safety relevant modifications to the product into the ongoing production the product must be retested for assessment. The results must be implemented to the documentation and if necessary the certificate must be updated.

3.2 Remarks to user manual

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

3.3 Remarks to body support unit

Testing of a body support unit was not part of the order and not part of this testing.

4 Revision history

Revision 0: Original revision



Product Service

5 Summary

The test results show that the presented products are in compliance with the specified requirements.

TÜV SÜD Product Service GmbH
Technical report checked:

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