

ION-LINE ULTRA

The ION-LINE ULTRA has been successfully tested and certified in accordance with the GS test principles EK5/ AK4 for safety storage cabinets for the active and passive storage of lithium-ion batteries. It therefore sets new standards that exceed the required safety standards.

The GS test principles are used to verify the special performance of products in the selected area of application by an external testing body.

If you have any questions, please get in touch with your contact person!



ION-LINE ULTRA: Tested in Germany – safe throughout Europe.



Trust in the GS mark.

Please review the tests and certificates yourself. To review our certificates, please see our document **"Seal of Conformity"** at www.asecos.com.



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ION-LINE | ION-ULTRA-90

*Safe and approved passive and active storage of lithium-ion batteries in working areas
Premium models for the highest safety requirements – how you can benefit from the advantages of the ION-ULTRA-90:*

1

The safest of all worlds - fire tests with origins in the storage of hazardous substances, component testing specifications, real fire tests and European requirements



2

The insulated shelf – tested propagation safety on every storage level. If a battery catches fire, it is prevented from spreading to other storage levels.



3

An LED indicator and visual/acoustic alarms quickly inform you of fires when they begin, without having to open the doors of the cabinet.



4

Optionally equipped with fire suppression system, which automatically triggers in the event of a fire.



5

With the optional occupancy sensor, doors remain open automatically as the sensor registers persons in the door-arc range. For maximum operating convenience when loading and unloading the cabinet.



6

The built-in, temperature-controlled ventilation system prevents heat build-up when charging the batteries.



7

Smoke detectors and temperature sensors detect incipient fires early, and forward alarms via standard potential-free switching contacts directly to a control centre – optionally available with remote alarm module.



8

The additional 3-point locking device combines convenient operation with the verifiable, tested safety of closed doors in case of a real fire.



9

Freedom in everyday life and emergencies – With the integrated transport base, the cabinet can be transported within the company or evacuated in the event of a fire.





- **Fire resistance of 90 minutes** (type 90), type-tested in accordance with EN 14470-1



- **Fire resistance in the event of a thermal runaway by means of a real fire test**, in accordance with VDMA 24994



- **Fire resistance of 90 minutes from inside to outside** in accordance with EN 1363-1



- **GS-tested** (document EK5/AK4 09-10, ProdSG)



- **CE compliant**



- **UKCA compliant**



- **Extended manufacturer warranty of up to 10 years** in combination with an asecos service tariff



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Model IO90.195.120.065.WDEL

Order No. 40559-053-41102

Image shows optional accessories



Model IO90.195.120.065.WDEL

Order No. 40559-053-40921

Image shows optional accessories

ARE YOU LOOKING FOR AN APPROPRIATE STORAGE SOLUTION FOR HAZARDOUS MATERIALS?

Our optimised online product configurator helps you, step by step, to find the suitable safety storage cabinet.

Take the test:
www.asecos-configurator.com



Technical data

External dimensions W x D x H	mm	1193 x 650 x 1953
Internal dimensions W x D x H	mm	1050 x 545 x 1633
Weight without interior equipment	kg	585
Maximum load	kg	600
Entry width transport base	mm	1120
Entry height transport base	mm	90
Extraction air connection	DN	160

Total power rating of the power socket strips

Fuse (1-phase)	A	16
Power max. (1-phase)	kW	3,68
Fuse (3-phase)	A	3 x 16
Power max. (3-phase)	kW	11,04
Number of socket outlets per strip	piece	8

Electrotechnical data

Nominal voltage	V	230/400
Frequency	Hz	50/60
Nominal power consumption	W	30
Maximum current consumption	A	16

IO90.195.120.065.WDEL

Main features



Safe storage and charging of batteries



Integrated warning system incl. LED display



3-point locking



Insulated shelves

Model	Body colour	Door colour	Order No.
IO90.195.120.065.WDEL	anthracite grey RAL 7016	gentian blue RAL 5010	40559-047
	anthracite grey RAL 7016	anthracite grey RAL 7016	40559-053

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
3x insulated shelf incl. outlet strips, 1x bottom collecting sump (V=2.85L)	powder-coated sheet steel	40878
4x insulated shelf incl. outlet strips, 1x bottom collecting sump (V=2.85L)	powder-coated sheet steel	41102
5x insulated shelf incl. outlet strips, 1x bottom collecting sump (V=2.85L)	powder-coated sheet steel	41106
6x insulated shelf incl. outlet strips, 1x bottom collecting sump (V=2.85L)	powder-coated sheet steel	40921

Accessories		Order No.
Power supply cable 400 V (can only be ordered in combination with the cabinet)	mains connection cable 400 V; length of cable = 3 m	38038
Fire suppression unit with hoop guard	with hoop guard	40941
Occupancy sensor	Doors are held open automatically when loading and unloading the cabinet	42169
Module for remote signalling 4.0	forwards all four alarm statuses to the mobile network	42483
Shelf divider low		42679
Shelf divider high		42681



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