

ION-LINE SAFETY STORAGE



ION-CHARGE-90



ION-STORE-90



ION-CHARGE-90 Range

In active storage, lithium-ion batteries or battery packs are charged in a cabinet with a charger or partially discharged (60 - 70%). Heat is generated when a lithium-ion battery charges. If this heat output is too high, a fire may occur, for instance, if the lithium battery, the charger, or the connection cable is defective. Another major danger is the risk of thermal runaway of lithium-ion batteries, for instance, caused by internal short circuits.

CONCLUSION: *The risk increases when lithium-ion batteries are left unattended to charge outside of work hours. We recommend active storage in the Asecos BATTERY CHARGE safety storage cabinets.*

ION-STORE-90 Range

In passive storage, new or used lithium-ion batteries are stored over a certain time period.

TIP: *We recommend that new and used lithium-ion batteries are stored separately (different storage levels) in the BATTERY STORE or BATTERY STORE PRO safety storage cabinets.*

ION STORE



ASECOS LITHIUM-ION BATTERY STORAGE PRO CABINET (1.2M)

Safe passive storage of lithium-ion batteries Function/construction:

- Robust construction and longevity: triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- Easy handling with comfort: smooth doors with permanent self-closing function and oil-dampened door closer; open doors with a minimum amount of force
- No unauthorized use: doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)
- Easy transport: integrated transport base with removable, optional base cover
- Easy alignment: adjusting aids to compensate for uneven floor
- Ventilation: integrated air ducts ready for connection (DN 75) to a technical exhaust system, spinning wheel in the exhaust grid as an indicator of sufficient technical ventilation
- All-around protection: 90-minute fire protection from outside to inside (type 90 / type tested in accordance with EN 14470-1) and for more than 90 minutes of fire resistance for fires from inside to outside

ASECOS STORAGE

ION CHARGE



ASECOS LITHIUM-ION BATTERY CHARGE CABINET (1.2M).

Safe passive storage of lithium-ion batteries with an integrated 3-stage warning and fire suppression system. Function / construction:

- Robust construction and longevity: triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- Easy handling with comfort: smooth doors with permanent self-closing function and oil-dampened door closer; open doors with a minimum amount of force
- No unauthorized use: doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)
- Easy transport: integrated transport base with removable, optional base cover
- Easy alignment: adjusting aids to compensate for uneven floor
- Ventilation: integrated air ducts ready for connection (DN 75) to a technical exhaust system, spinning wheel in the exhaust grid as an indicator of sufficient technical ventilation
- All-around protection: 90-minute fire protection from outside to inside (type 90 / type tested in accordance with EN 14470-1) and for more than 90 minutes of fire resistance for fires from inside to outside
- Safe storage and charging: installed 3-stage warning and fire suppression system including smoke detector, temperature sensor, visual and acoustic alarms, and fire suppression unit; triggers automatically in case of a fire; plug-in ready for connection to the mains supply