



# Advancing EV and Micro-Mobility: Cutting-Edge Battery Safety Solutions

Specialized Safety Solutions  
for Manufacturers, Repair Shops,  
Service Centers, and Battery  
Production Facilities



## Why Choose ENVAION?

- ✂ **Scalable:**  
From e-bikes to full-size EVs, we've got you covered
- ✂ **Production-Ready:**  
Seamlessly integrate into your manufacturing process
- ✂ **Service-Oriented:**  
Enhance safety in repair and service operations
- ✂ **Future-Proof**  
Stay ahead of evolving safety regulations



LIGHTWEIGHT



IMPROVED SAFETY



REUSABLE



SCALABLE



ENHANCED FIRE  
PROTECTION



TOXIC GAS FILTER



SUPPRESS THERMAL  
RUNAWAY



UN CERTIFIED



## The Challenge

The EV and micro-mobility revolution brings new safety concerns:

- ⌘ Risk of thermal runaway in high-capacity batteries
- ⌘ Safety during production, repair, and servicing, particularly for damaged EVs that require repair or disassembly. ENVAION solutions are ideal for car shops, garages, and battery discharging/disassembly facilities, as well as transportation to/from these facilities.
- ⌘ Secure transportation between facilities.
- ⌘ Compliance with evolving safety regulations, particularly for micro-mobility businesses such as e-bike stores, electric forklift operations, and large-scale drone manufacturers/operators.

## ENVAION's Solution: AkkuGrain Technology

Our innovative technology ensures unparalleled safety across your operations:

- ⌘ Mitigates fire risks and contains explosion hazards
- ⌘ Neutralization of toxic gas emissions
- ⌘ Adaptable for production, repair, and transport needs

⌘ Safety by Akkugrain™



# Key Benefits

## TAILORED INDUSTRY SOLUTIONS:

- ✂ Safeguards batteries from production to end-of-life
  - ✂ Complies with P911 ADR and US DOT Special Permits
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## VERSATILE APPLICATION:

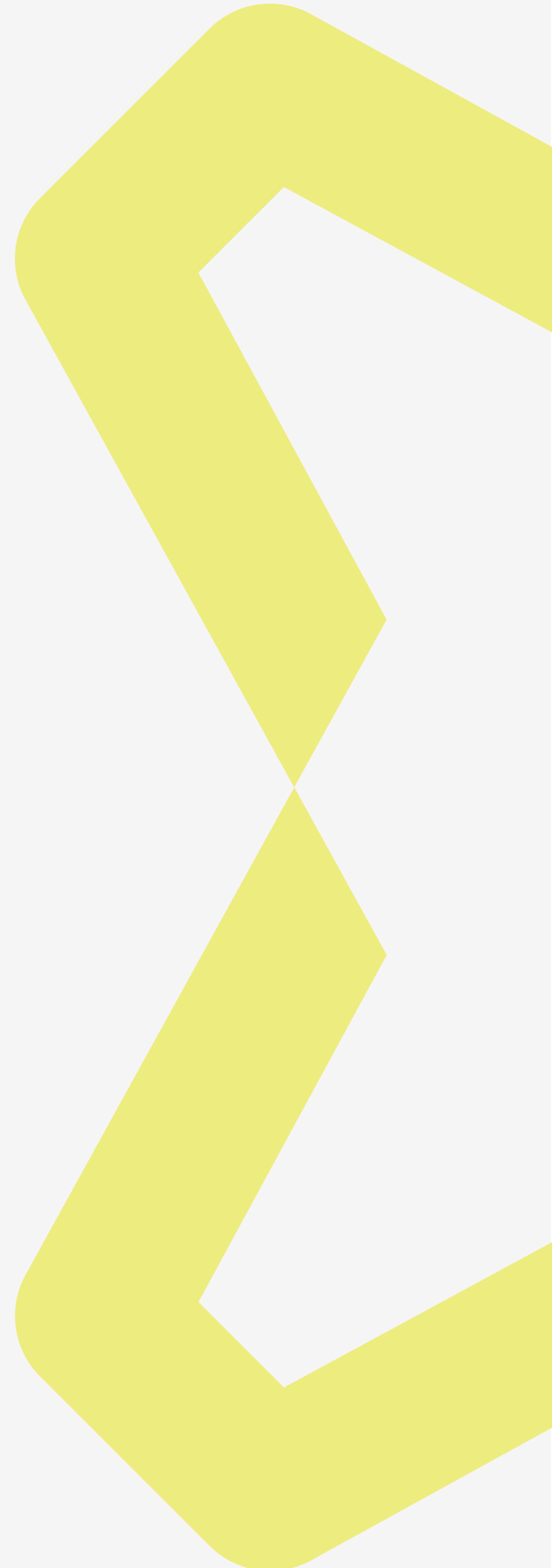
- ✂ Solutions for small e-scooter batteries to large EV packs
  - ✂ Adaptable for production lines and service centers
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## REGULATORY COMPLIANCE:

- ✂ UN certified for international transport
  - ✂ Keeps you ahead of safety standards
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## ENHANCED OPERATIONAL SAFETY:

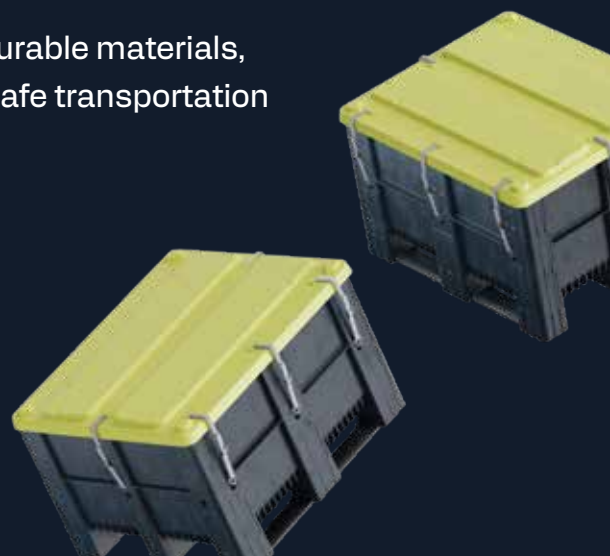
- ✂ Minimizes risks during repairs and battery swaps
- ✂ Ensures safety in extreme conditions
- ✂ Easy and intuitive Handling



# Our Products

	Certified	External Dimensions (L x W x H)	Internal Dimensions (L x W x H)	Content Weight (Batteries)
 <b>VIO-8 Pro</b>	P911 UN 4H2/X US DOT Special Permit DOT-SP-21619	600 x 800 x 740 mm 24" x 32" x 29"	405 X 605 X 500 mm 16" x 24" x 20"	Up to 200 Kg
 <b>VIO-10 Pro</b>	P911 UN 4H2/X 427/S/**/GB/7652 US DOT Special Permit DOT-SP-21619	1200 x 800 x 740 mm 47" x 32" x 29"	975 x 575 x 380 mm 38" x 23" x 15"	260Kg
 <b>VIO-12 Pro</b>	P911 UN 4H2/X 427/S/**/GB/7652 US DOT Special Permit DOT-SP-21619	1200 x 1000 x 740 mm 47" x 39" x 29"	950 x 750 x 350 mm 38" x 30" x 14"	420Kg

The products are made from heavy-duty, durable materials,  
specifically designed for industrial use and safe transportation





## Contact Us

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