

wellplast® BATTERY PACKAGING

We take care of the process, from packaging idea to certified solution

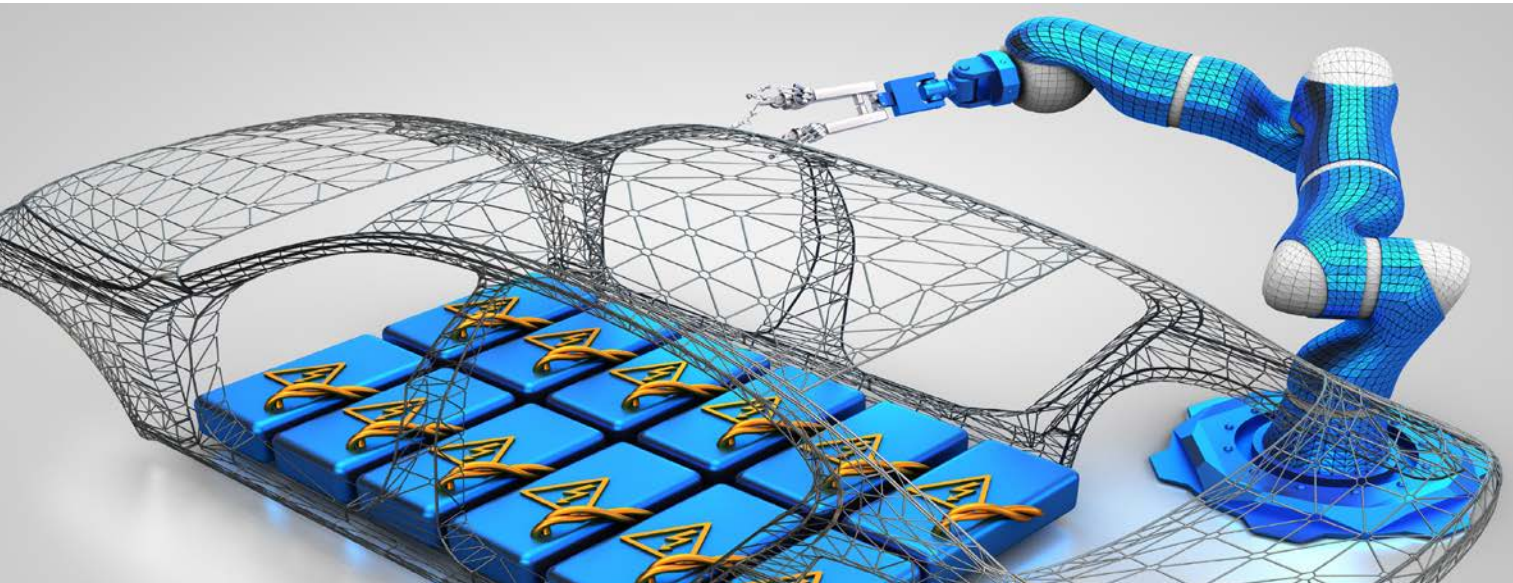
Batteries and dangerous goods

Batteries and especially vehicle batteries such as Lithium-Ion batteries are often classified as dangerous goods. That means that the packaging has to be UN-certified. Factors that determine the packaging is the state of the battery – if it is a prototype, a tested series battery, a waste battery packaged for disposal or recycling, or if it is a damaged or defective battery. Weight is also a factor and is often substantial. The third factor is how the battery will be transported. There are different regulations for whether a battery should be transported via road, by train, via sea or via air.

Wellplast AB develops solutions for packing everything from small battery cells to heavy load truck-batteries and we also assist all the way through the certifying process.

Our service:

- ✓ Battery packaging design
- ✓ Battery packaging production
- ✓ Advising regarding dangerous goods
- ✓ Testing
- ✓ Assistance through UN certification process
- ✓ Certificate holding and maintenance

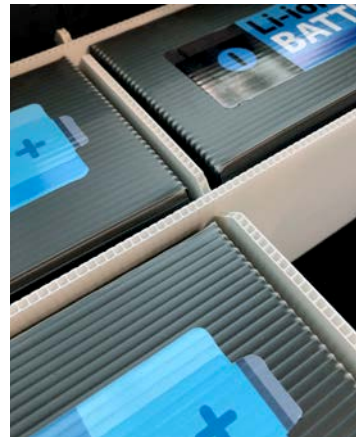


Having the client working in close cooperation with our design team from the earliest stage of the process, we secure our aim to deliver innovative solutions based on the clients demands. We also assist with prototyping and assistance at test packing.

The process

1. Packaging concept idea
2. Evaluation
3. Prototyping
4. Test packing
5. Testing
6. Certification
7. Serial production
8. Production control

- ✓ Stacking tests
- ✓ Lifting tests
- ✓ Drop tests
- ✓ Bonfire testing



Rules and regulations

- Road – ADR
- Railway – RID
- Sea – IMDG
- Air – IATA DGR

Authorised certifiers

- Rise – Sweden
- Net – Norway
- BAM – Germany
- MSB – Advising

Packaging optimised for the application



Load Carriers for large size battery packs

Heavy duty load carrier with optimised pallet box and interior fitment adapted to the specific battery. Often used for Hybrid vehicle batteries and large size batteries for trucks and buses. Durable and designed for return transport systems.



Automation trays for battery cells

Thermoformed tray designed for the specific battery cells and adapted to load carrier and automation system. Available in robust longlife or light weight oneway material. Often used for robot picking.



Pallet tray for battery modules

Thermoformed twinsheet tray designed for the specific battery module and the chosen load carrier. A very durable solution suitable for transport, storage and automation. Often used for robot picking.

Contact us for more information, samples or prices.

