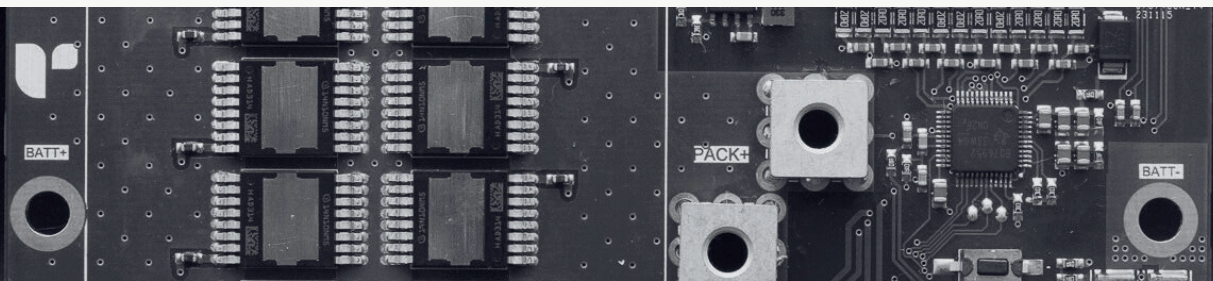




# Smart Ultra-High Density Battery Systems

**Tulip Tech**

25 Ah Battery





**Maximum Power**  
125 A for 60 s ; 75A cont.



**Exceptional longevity**  
800 to 1000 cycles



**Extreme Energy density**  
310 Wh/kg battery cells



**Lightweight and robust**  
Optimized for drones and UAVs

# Smart Battery Management System



## Customizable Protections

Different protection modes for safe operation during flying and storage



## Advanced features

Ultra Low Power Storage, Active Pre-Discharge, Easy User-Interface, etc

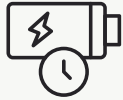


## Integrated DroneCAN and CAN communication



## High Accuracy Monitoring

Voltages, current, temperatures, optimized SoC and SoH estimations for UAV flight profiles



## Balanced Charging with Optimized Longevity



## Integrated Heating for Cold-Weather Environments

## 25 Ah Battery

### Specifications for 12S configuration

Parameter	Value
Configuration	12S
Nominal Capacity	25 Ah
Weight	4,05kg
Nominal Voltage	43,8 V
Maximum discharge	75 cont., 125 A for 60 seconds (3C to 5C)
Maximum charge	50A (2C)
Discharge (Charge) Temperature	-20 to 65 °C (0 to 55 °C)
Storage Temperature	-10 to 45 °C
Cycle life	800 cycles [0,5 C   3C] 1000 cycles [0,5 C   1 C]
Internal Resistance	12 ± 4 mΩ
Energy	1095 Wh
Dimensions	214 x 129 x 74 mm <sup>3</sup>
Energy Density	270 Wh/kg

# TULIP





# The Company

Tulip, based in Eindhoven, specializes in top-tier battery packs and power electronics, prioritizing quality, safety, and lightweight design. With cutting-edge production processes in Europe, we utilize next-gen battery cells, aerospace-grade materials and our advanced battery management systems for superior performance. We're driven by the belief that the future of electrification hinges on battery innovation.

Our mission is to pioneer vastly improved battery packs and electronics, unlocking new possibilities in products and services.

Tulip was founded in 2020 with the goal to accelerate the electrification revolution by creating the world's best performing battery systems.

Tulip stands for building reliable battery systems with high production standards, right here in Europe. Tulip has the capability to build up to 10,000 batteries per year per customized product, with every battery pack tested and documented, having traceability across its supply chain.

With its modular technology, Tulip is creating customized products whilst achieving economies of scale for all customers.

Interested? Get in contact.

## Our Values



[info@tulip.tech](mailto:info@tulip.tech)



[www.tulip.tech](http://www.tulip.tech)



Horsten 1, 5612 AX, Eindhoven