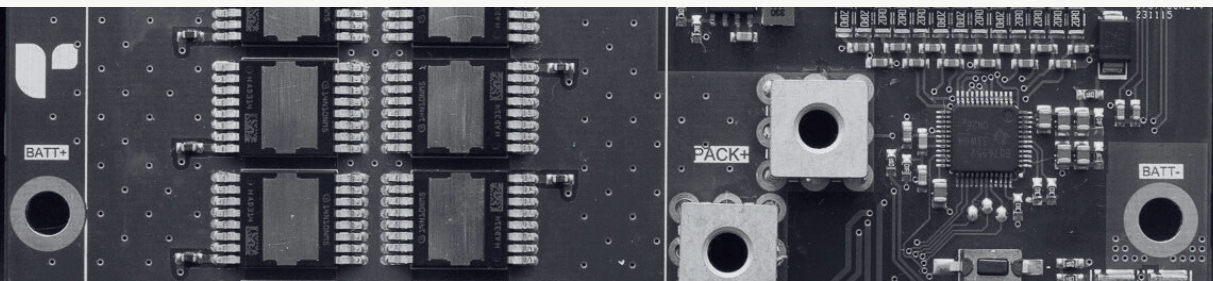


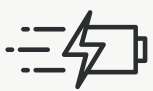


Smart Ultra-High Density Battery Systems

Tulip Tech

35 Ah Battery





Maximum Power
175 A for 60 s ; 105A cont.



Exceptional longevity
800 to 1000 cycles



Extreme Energy density
320 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

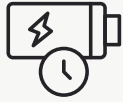


Integrated DroneCAN and CAN communication



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

35 Ah Battery

Specifications for 12S configuration

Parameter	Value
Configuration	12S
Nominal Capacity	35 Ah
Weight	5,1 kg
Nominal Voltage	43,8 V
Maximum discharge	105 cont., 175 A for 60 seconds (3C to 5C)
Maximum charge	70A (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	1533 Wh
Dimensions	230 x 135 x 90 mm ³
Energy Density	300.1 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



www.tulip.tech



Horsten 1, 5612 AX, Eindhoven