

MUNICH ELECTRIFICATION
ME FLIPPER



*"Keep the EV safe and
enable maximum performance."*

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COMPONENT REDUCTION

The ME Flipper can replace up to three contactors



FUNCTIONALITY

Innovative, integrated and bistable device for 400V/800V reconfiguration



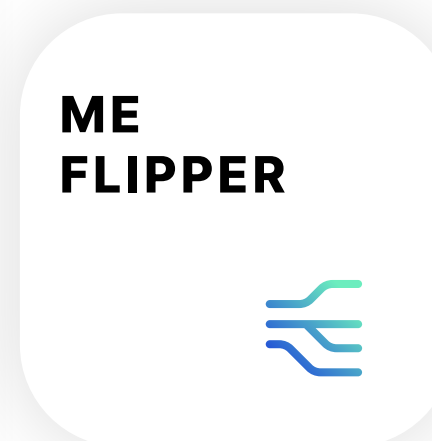
COST DOWN

Reduced cost and system complexity due to reduced number of physical components and interconnections. Reduction in electronic costs due to fewer BMU output driver stages



RELIABILITY & MECHANICAL SAFETY

Bistable design. No failure mode possible to short circuit packs when switching incorrectly



- Designed for automotive, CV and UTV applications
- 500A continuous current without cooling possible
- Switch series to parallel configurations in < 500 ms
- Alternative solution to configuration with up to three separate contactors
- Stable conditions in loss of KL30C cases
- Increased efficiency – no power consumed in coil during operation



MUNICH ELECTRIFICATION

ABOUT US

CONNECTED MOBILITY AND CLEAN ENERGY STORAGE TECHNOLOGIES TO CREATE MEANINGFUL IMPACT ON EVERYONE'S LIFE.

COMBINING SILICON VALLEY'S SPIRIT, PACE AND AMBITION WITH GERMAN ENGINEERING EXCELLENCE, WE STRIVE TO BE A DISTINCTIVE LEAD SUPPLIER FOR THE ELECTRIFIED AUTOMOTIVE WORLD AND BEYOND.



GLOBAL CUSTOMER BASE:

Leading automotive OEMs and fast-growing e-mobility newcomers



VERSATILE AND RELIABLE BMS

platforms for automotive series applications



FOUNDED IN 2014

Founded in 2014 by industry experts in the field of electric mobility, automotive batteries and electronics



MANAGEMENT OWNED

Fully owned by founders, profitable and stable since the first year, constant organic growth through healthy cashflow



MUNICH ELECTRIFICATION GMBH

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MUNICH ELECTRIFICATION

WHY TO WORK WITH US

01

WE ARE

- Highly motivated, exceptional young engineers from our international team.
- We are devoted to fast-pace innovation & quality-focused agility to shape the future of electric vehicles. One of our key strengths is our electric powertrain system know-how.
- Our fast-growing staff has contributed in major positions to the world's best electric vehicles. By being fully familiar with the crucial requirements on the battery side we know what it takes to develop a successful EV powertrain.

02

WHAT WE DO

- We develop and produce world-leading battery management systems regarding safety, features and cost.
- Our products stand out for function-integration, scalability, variant handling, space and weight. They are being used worldwide in multiple series production programs.
- Our fields of expertise also include the entire scope from embedded software development to model-based functions and advanced high-level algorithms for various cell chemistries (LFP, MNC, NCA).

03

OUR VALUES

- We are technology-driven and committed to developing cutting edge products.
- We are devoted to design products and advancing technological solutions that reflect sustainability in every facet.
- By thinking like owners, our employees guarantee the strong customer focus and ensure the long-term success of ME.
- Cooperativeness, open communication and transparency constitute our ME work culture. Diversity and loyalty define our team spirit.