

EFT-BATTERY-CUSTOM

The new standard for UAV batteries -
Tailored to your needs

Description:

The EFT-Battery-Custom is a modular, turn-key battery platform for advanced **UAV applications**.

The modular design of the battery allows to **adapt** all key parameters regarding power, energy, interfaces and communication to perfectly fit for the clients needs.

Specifications:

	Min		Max	Unit
Configuration	6		14	S
Pack Voltage	15		60	V
Energy Density			300	Wh/kg
Power Density			5	kW/kg
Operating Temperature	-20		75	°C
Cycle Life			1000	
Cells		Any available cells		



Certified: UN38.3, CE and UL compliant



NATO based supply chain: NDAA compliant

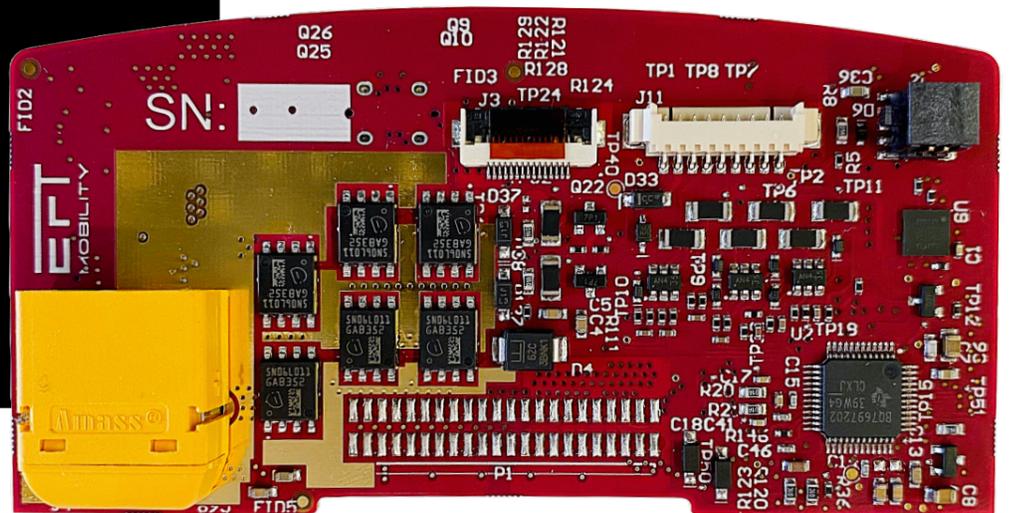


Quick Design Turnaround: Built based on modular design blocks

Features:

- **BMS:** Cell Balancing, Temperature Sensing, SOC, SOH, MOSFET Switches
- **Heating Foil:** Preheating from -10 °C to +10 °C in 10 min

EFT-BMS-14



The EFT-BMS-14 (Battery Management System) is designed as a modular BMS platform that monitors and controls our UAV battery packs. It includes all relevant monitoring functions as well as control functionality.

Configuration:

- 6 - 14 S

Voltage:

- 15 - 60 V

Sensors:

- Temperature
- Current
- Voltage

Operating Temperature:

- -30 to +80 °C

Weight:

- 30 g

Communication Protocols:

- UART
- CAN 2.0
- DroneCAN

Functions:

- SoC (State of Charge)
- SoH (State of Health)
- SoP (State of Power)
- Heating Foil Control
- Integrated MOSFETs
- Data Logging on EEPROM
- Update via USB C
- LED SoC Indicator