

# EFT-BATTERY-900

The New Standard for  
UAV Batteries



## Description:

The EFT-Battery-900 is a fully certified and industrialized battery for advanced **UAV applications**. The NATO based supplychain makes this battery fully NDAA compliant. The battery delivers exceptional energy density at 271 Wh/kg enabling extended flight times and increased payload capacity for demanding aerial tasks.

## Features:

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

## Compliance:

- UN38.3/CE
- NDAA

## Application:

- UAVs: Battery-Electric, under 25 kg



# EFT-BATTERY-900

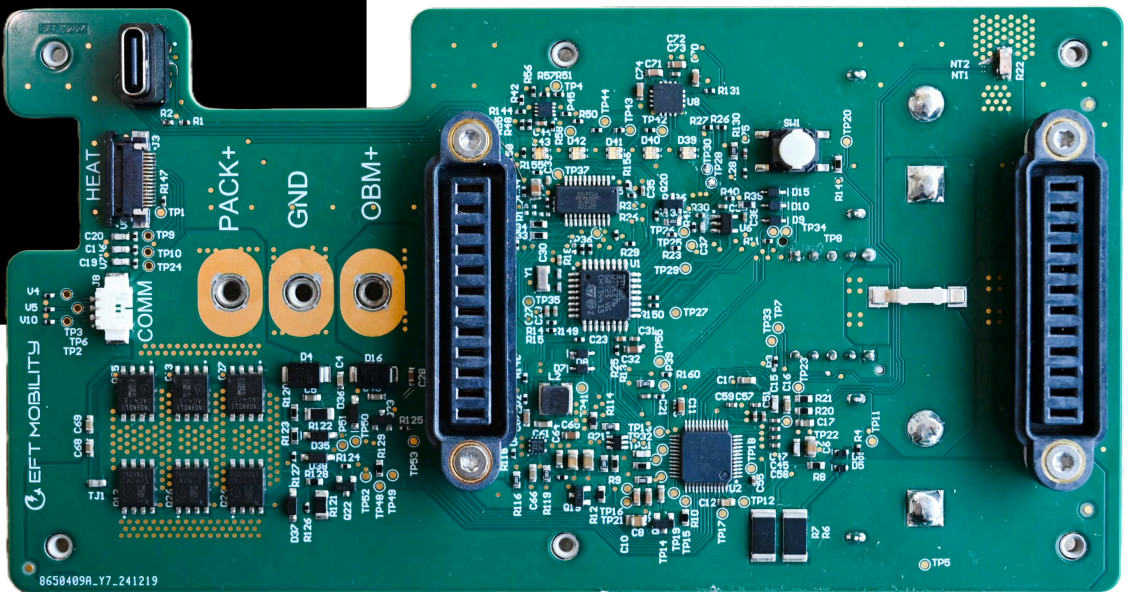
Dimension: 156 x 87 x 178 mm



### Specifications:

	Min	Typical	Max	Unit
Configuration		8S3P		
Cells		Amprius SA08		
Nominal Capacity		33.15		Ah
Weight		3.33		kg
Pack Voltage	20.8		33.6	V
Energy		902		Wh
Energy Density		271		Wh/kg
Temperature	-20		75	°C
Cycle Life			500	
Max Charge		3C cont		
Max Discharge		166A cont (5C) 265A peak (30s) (8C)		

# 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:

- 23 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 MicroSD card
- Update via USB C
- LED SoC Indicator