

Tech Mahindra

TECHM ELECTRIC POWERTRAIN EXPERIENCE SUMMARY

E-POWERTRAIN

Powertrain Integration & Validation

Battery Management Systems Design

Charging Solutions
Development







ECU S/W Development MBD



Battery Management



Charging Solutions



Power Electronics

OUR CREDENTIALS:

- 15+ years expertise 200+ engineers working for electric powertrain systems, 600+ engineers including Mahindra ecosystem
- Across industry expertise in automotive, industrial, marine, locomotive
- Derivative programs end-to-end ownership with cost arbitrage of ~25%
- 10% 12% cost savings through value analysis and value engineering (VAVE) approach
- AUTOSAR compliant software development including BSW integration
- Innovative and flexible business models including co-investment/risk share on technology programs

STANDARDS

- ISO 26262
- ISO 26262

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ISO 26262

ELECTRIC POWERTRAIN COMPONENTS: KEY PROPOSITIONS

The proliferation of hybrid and electric vehicle development by providing highly efficient, safer and reliable electric powertrain components with IEC and ISO standards compliance.

