

PHILIPS

sense **and** simplicity

Philips Applied Technologies

Part of Philips Corporate Technologies

- Based in Eindhoven (NL), Redhill (UK), Bangalore (India) and USA
- Markets: Lifestyle, Healthcare and Technology in Europe and USA
- Active in many segments like: Energy, Semiconductors, Automotive, Mechatronics, Industry Consultancy and Digital Systems

PHILIPS

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Bringing your ideas to life!

Practical innovation support

- To accelerate time-to-market for innovations
- To improve process efficiency and cut costs
- To solve your complex technical problems



Always the right mix for pragmatic solutions

- Technical and non-technical
- Hardware and software
- Product and process

A large competence source

- 800 technical specialists
- 50 industrial consultants
- 70 competences
- 40 years of hands-on experience

Strengths

- Pragmatic and integral approach
 - Project management
 - System approach and understanding the application
 - Interaction with other surrounding components
- Philips heritage
 - Batteries design and usage in many applications
 - Real time hardware and software systems
 - Standardization and Intellectual Property
- Modeling and simulations
 - Create new battery management control functions
 - Energy balance vehicle and thermal behavior battery pack

Opportunities

- Extend position of Dutch Automotive components suppliers
 - New chances for international customers and their suppliers
 - Work together to strengthen Dutch position
 - Create new components and services
 - Take the lead with innovation and standardization
- Optimize energy management of battery systems.
 - Electrical, thermal and mechanical behavior battery pack
- Optimize time of usage and lifetime of battery systems.
 - Adaptive and Active Battery Management Systems
 - Predictability of aging and residual value battery pack

