

Battery Busbar Module(BBM)Portfolio

- Connect battery cells and modularize the battery
- Individually detect the state of each battery cell to enable battery control

Provide low height, integrated, compact and light BBM for batteries in electric vehicles with increasing capacities and densities.

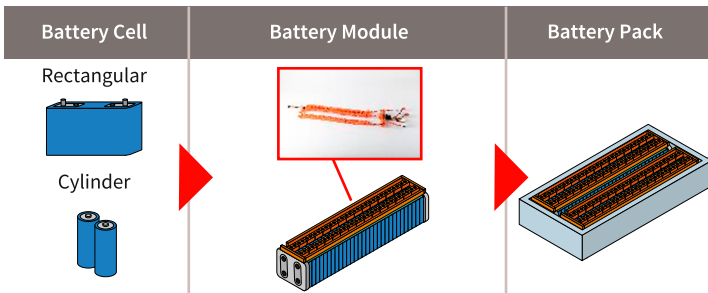
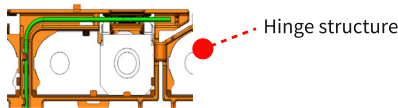
BBM_ Wire Type

Mass-production

Feature

- 1 Develop and produce BBM for various types of battery cells such as rectangular and cylinder
- 2 Hinge structure absorbs variation due to expansion/shrink of battery cells

Performance/Specification



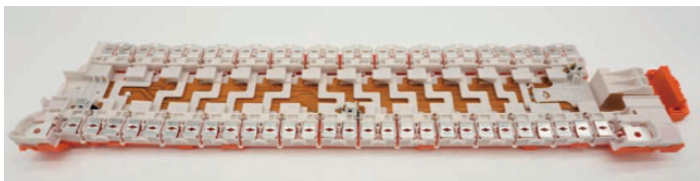
BBM_ FPC Type

Mass-production

Feature

- 1 Reduce part numbers and weight
Reduce 50% weight than conventional Yazaki products
- 2 Ensure stable product quality by automatic production
- 3 Directly implement electronic parts to FPC

Performance/Specification



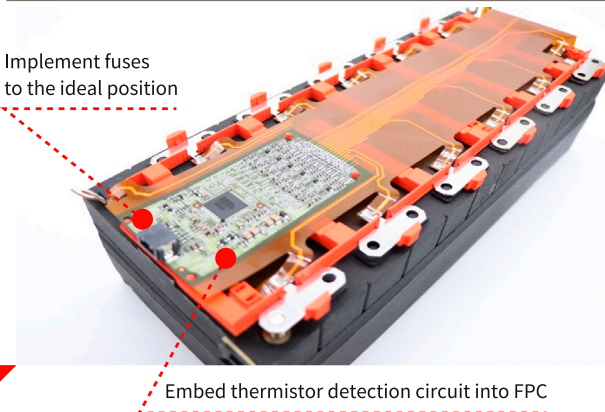
BBM with Cell Voltage Sensor_ FPC Type

In-developing

Feature

- 1 Saving spaces by integrated functions
- 2 The best layout of fuses, thermistors and circuit areas
- 3 Directly implement electronic parts

Performance/Specification



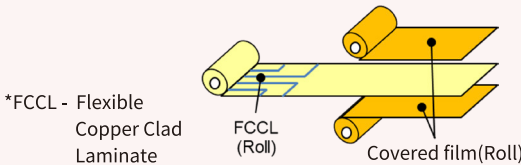
BBM_ Long FPC Type

In-developing

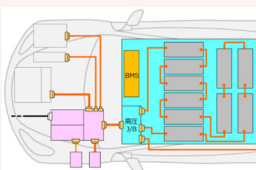
Feature

- 1 Various size of FPC can be produced with a same equipment in Roll to Roll process

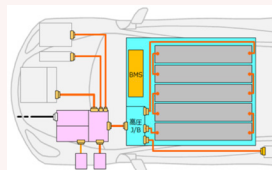
Roll to Roll Process : Put FCCL* → Paste cover lay → Test



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#of BBM: 11 BBMs
BBM length: About 500mm



#of BBM: 5 BBMs
BBM length: 1500 to 1800mm