

JST

THE QUALITY CONNECTION

AUTOMOTIVE BATTERY MANAGEMENT SYSTEM



BATTERY MANAGEMENT SYSTEM

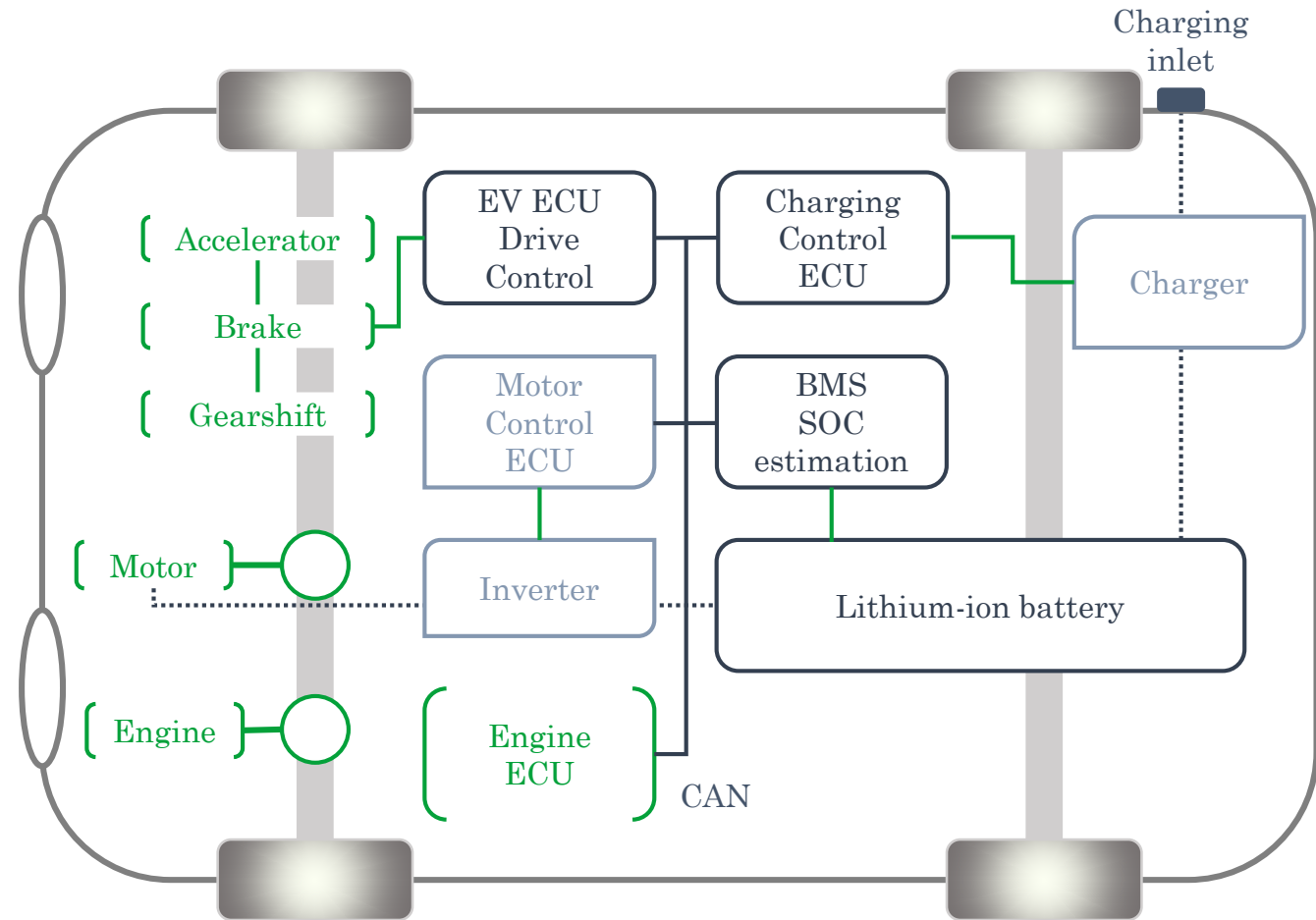
What are the main functions of a BMS ?

Automotive Battery Management Systems (BMS) is able to meet critical features: as voltage, temperature and current monitoring, battery state of charge (SoC) and cell balancing of lithium-ion (Li-ion) batteries.

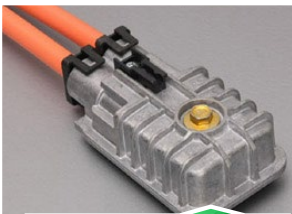
Battery protection for preventing operations outside its safe operating area.

Battery monitoring by estimating the battery pack state of charge (SoC) and state of health (SoH) during charging and discharging.

Battery optimization thanks to cell balancing that improves the battery life and capacity, thus optimizing the driving range for hybrid (HEV), plug-in (PHEV) and full electric vehicles (BEV).



BMS JST CONNECTORS RANGE AUTOMOTIVE



HVGW



HVGT



SHP2



CPT



MEC



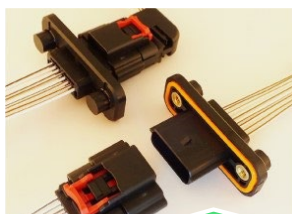
CPM



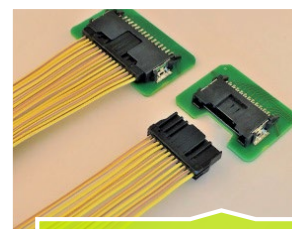
TLDR



ATLF



ATSS



CMEC



ULH



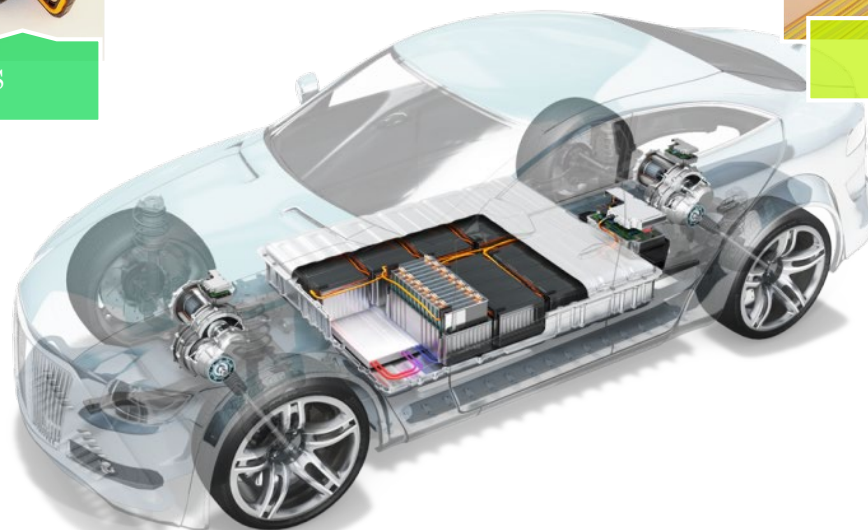
EVZ



HVD



BMSC

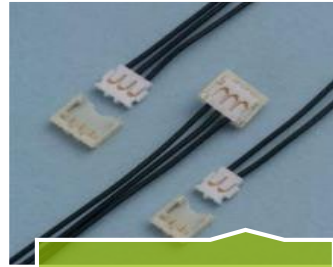


HPCU

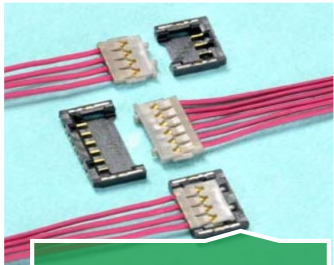
BMS JST CONNECTORS RANGE FOR IoT & POWER SUPPLY



SH



ACH



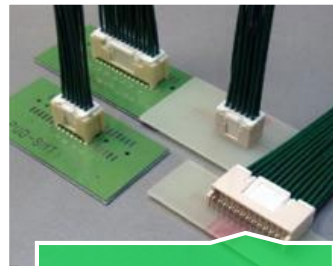
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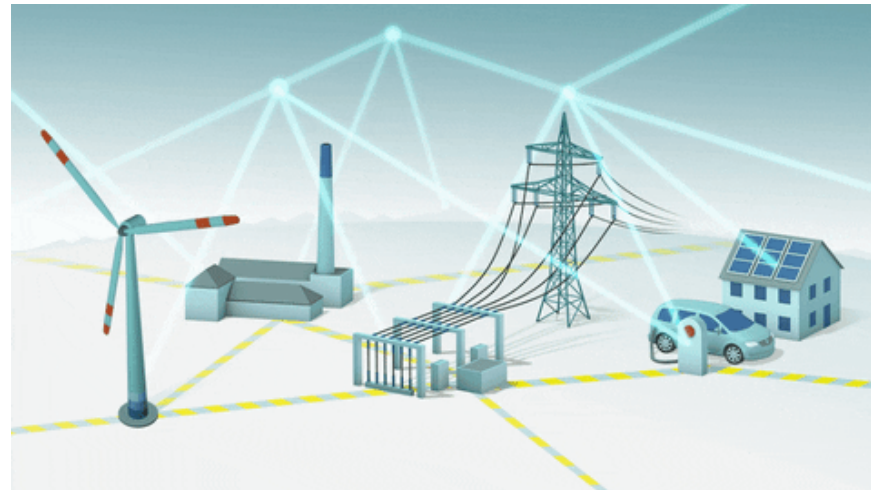
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PA



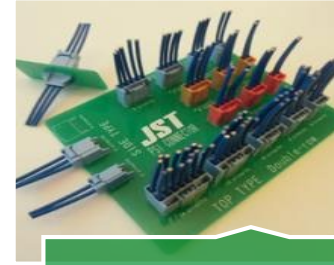
PUD



JWPF



ZRO



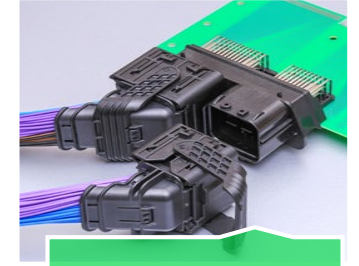
PSI



JFA J300



JFA J4000



JIA



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THANK
YOU

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